United States Department of Agriculture | Forest Service | NA | MFO

3460 | Date: November 4, 1986

Proposed 1987 Gypsy Moth Suppression Project, Allegheny National Forest

Forest Supervisor,
Allegheny National Forest

Bob Acciavatti has compiled spray block data about the proposed 1987 gypsy moth spray project on the Allegheny National Forest. This information was developed from his discussions with Sheffield, Marienville and Bradford timber and/or recreation staff personnel during October 1987. This data is intended for use by the I.D. team in the preparation of alternatives for the 1987 gypsy moth suppression project environmental analysis and assessment.

The following tabulation summarizes the content of Tables 1-6 in the enclosed report of spray block data. The location of the blocks are shown on photo reduced copies of each 7.5 minute USGS quadrangle map included with the tables.

SUMMARY OF PROPOSED 1986 ALLEGHENY NATIONAL FOREST
SPRAY PROJECT

Ranger District	Timber			Recreation		Wildlife		Total	
	Total Acres	# of Dimilin	# Bt Blocks	Total Acres	# Bt Blocks	Total Acres	# Bt Blocks	Acres	Blocks
Bradford	8,313	29	N	3,145	21	923	6	12,381	56
Sheffield	8,145	46	N	4,594	4	N	N	12,739	50
Marienville 5,180 ±	4,940	17	N	N	N	N	N	4,940	17
	240	N	1	N	N	N	N	240	1
GRAND TOTAL	21,638	92	1	7,739	25	923	6	30,300	124

TOTAL ACRES BT 8,902
TOTAL ACRES DIMILIN 21,398

Bob also gathered information on the spray blocks proposed by PA-BOF within the ANF boundary in Forest and Warren Counties. This is summarized here and shown in detail in two tables accompanying this memo. The information for McKean County is unavailable at this time, but will be sent when received. We will send you PA-BOF maps within the week as these are still being prepared.

SUMMARY OF 1986 PROPOSED PA-BOF STATE SPRAY BLOCKS
WITHIN ALLEGHENY NATIONAL FOREST BOUNDARY

COUNTY	TOTAL ACRES ANF*	TOTAL ACRES OTHER*
Warren	426	2,527
Forest	689	5,755
TOTAL	1,115	8,282
GRAND TOTAL	9,397	

*McKean County figures unavailable 10/31/86

Robert E. Accardi
for ALLAN T. BULLARD
Field Representative
Forest Pest Management

Enclosures

cc: AO w/o enclosures
Larry Yarger w/o enclosures
Van Aken w/o enclosures

REA/lfc

PROPOSED PA-BOF STATE B.T. SPRAY BLOCKS - 1987

WARREN COUNTY

QUAD	BLOCK #	TOTAL AC.	ANF AC.
Sheffield	104	?	30
Sheffield	88B	163	—
Clarendon	92	85	32
Clarendon	91	68	13
Clarendon	85	428	74
Clarendon	86	18	—
Clarendon	87	14	—
Clarendon	89	78	—
Clarendon	90	18	—
Clarendon	88A	163	—
Cornplanter Run	101	270	42
Cornplanter Run	103	23	23
Youngsville	27	70	8
Youngsville	24	110	4
Youngsville	23	?	23
Youngsville	22	40	13
Youngsville	21	45	23
Tidioute	4	160	—
Tidioute	5	124	—
Tidioute	10	85	—
Tidioute	11	18	—
Tidioute	12	21	8
Tidioute	13	35	6
Tidioute	14	272	34
Tidioute	15	85	4
Warren	35	100	36
Warren	36	32	—
Warren	38	110	—
Warren	39	27	—
Cobham	18	28	11
Cobham	?	?	?
Cobham	14	272	42
TOTAL		2527	426

PROPOSED PA-BOF STATE B.T. SPRAY BLOCKS - 1987

FOREST COUNTY

UAD	BLOCK #	TOTAL AC.	ANF AC.
nville W. &	69	446	74
ersburg	64	165	
sburg	65	73	8
sburg	66	63	23
sburg	68	166	43
ttville	12	247	9
ttville	11	35	9
ttville	18	40	4
ttville	20	123	22
ttville	34	137	45
ttville	40	10	3
ttville	39	12	13
ttville	48	145	13
ttville	47	122	17
kory	54	262	48
ttville	56	45	17
kory	7	21	8
kory	6	18	6
kory	10	332	30
kory	22A	136	13
kory	15	102	21
kory	21	115	18
kory	22	98	84
kory	24	98	12
kory	28	121	24
kory	37	540	22
kory	36	13	4
kory	45	54	2
kory	51	121	20
kory	44	57	22
kory	50	151	2
kory	58	97½	23
kory	52	19	8
kory	59	113	22
g	13	130	
kory	59	120A	
kory	60	12A	
kory	38	128A	
kory	53	42A	
kory	17	100A	
tville	10	270A	
tville	24	118A	
tville	38	128A	

UNITED STATES DEPARTMENT OF AGRICULTURE

FOREST SERVICE

ALLEGHENY NATIONAL FOREST

PROPOSED 1987 GYPSY MOTH

SUPPRESSION PROJECT,

SPRAY BLOCK DATA

Robert E. Acciavatti, Forest Entomologist
Forest Pest Management
State & Private Forestry, Northeastern Area
Morgantown, WV

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1. General Distribution of Proposed 1987 Gypsy Moth Suppression Project Spray Blocks for B.t. and Dimilin.

1. Proposed 1987 Gypsy Moth Spray Blocks for Timber Resources within ANF, PA for Bradford Ranger District.

2. Proposed 1987 Gypsy Moth Spray Blocks for Timber Resources within ANF, PA for Marienville Ranger District.

3. Proposed 1987 Gypsy Moth Spray Blocks for Timber Resources within ANF, PA for Sheffield Ranger District.

4. Proposed 1987 Gypsy Moth Spray Blocks for Recreational Resources within ANF, PA for Bradford Ranger District.

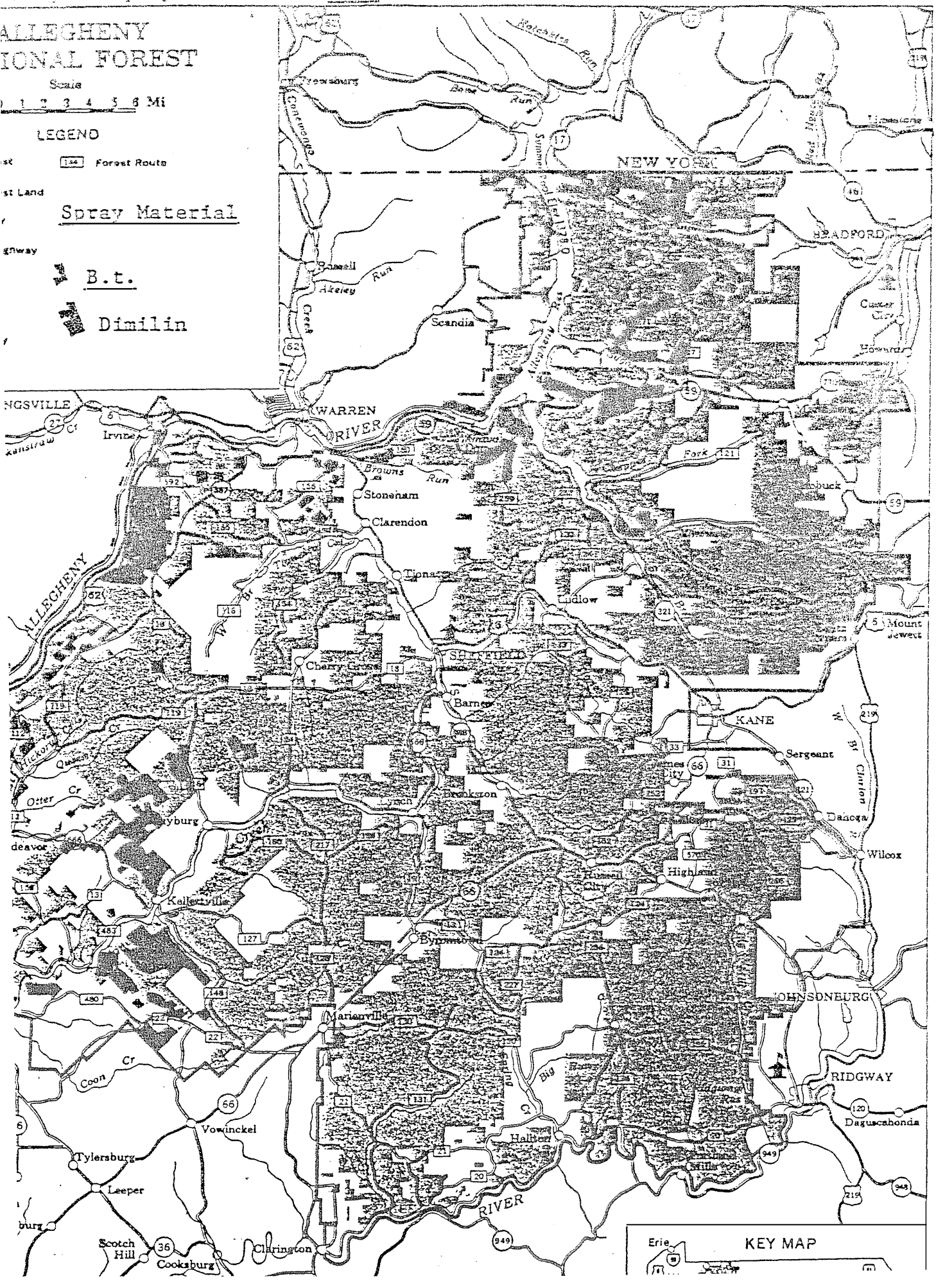
5. Proposed 1987 Gypsy Moth Spray Blocks for Recreational Resources within ANF, PA for Sheffield Ranger District.

6. Proposed 1987 Gypsy Moth Spray Blocks for Wildlife Resources within ANF, PA for Bradford Ranger District.

. Index for 7.5 minute USGS Quadrangles Covering Proposed 1987 Suppression Project.

3-67 Detailed locations of Proposed 1987 Gypsy Moth Suppression Project. (Maps are not numbered)

General Distribution of Proposed 1987 Spray Work Suppression Project Spray Blocks for B.t. and Dimilin.



NO.	COMP.	SPRAY		NO. STDS.	MGT.	DEFOLIATION			SPRAYED	PROPOSED	CUTTING
ME	NO.	BLCK NO.	ACRES	IN BLOCK	GOAL	ACTL. 1985	ACTL. 1986	PRED. 1987	IN 1985	FOR 1987	HISTORY
t. Rn.	1	1	44	1	6.1	S	M	M	NONE	DIMILIN	THINNED
t. Rn.	1	2	8	1	6.1	M	M	M	NONE	DIMILIN	THINNED
t. Rn.	1	3	263	7	6.1	S	M	M	NONE	DIMILIN	THINNED
t. Rn.	1	4	565	17	3,6.1	M	M	M	NONE	DIMILIN	THINNED
ey	2	1	673	7	3	L	M	M	NONE	DIMILIN	THINNED
ey	3	1	511	17	3	L	L	M	NONE	DIMILIN	THINNED
ey	3	2	616	23	3	L	L	M	NONE	DIMILIN	THINNED
ey	4	1	36	2	3	L	L	M	NONE	DIMILIN	THINNED
ey	25	1	113	3	3	L	L	M	NONE	DIMILIN	THINNED
ey	25, 27	1,2	1,089	25	3,6.1	L	L	M	NONE	DIMILIN	THINNED
ey	26	1	13	6	3	L	L	M	NONE	DIMILIN	THINNED
ey	26	2	51	12	3	L	L	M	NONE	DIMILIN	THINNED
ey	28	1	79	2	3	L	L	M	NONE	DIMILIN	THINNED
ey	28	2	143	4	3	L	L	M	NONE	DIMILIN	THINNED
ey	30	1	277	8	3,6.1	L	L	M	NONE	DIMILIN	THINNED
ey	30,32	1,2	235	4	3	L	L	M	NONE	DIMILIN	THINNED
ey	35	1	184	2	3	L	M	S	NONE	DIMILIN	THINNED
t. Br.	46	1	403	12	6.1	L	S	S	NONE	DIMILIN	THINNED
t. Br.	49	1	600	10	6.2	L	S	S	NONE	DIMILIN	THINNED
t. Br.	86	1	287	12	6.1	L	S	S	NONE	DIMILIN	THINNED
t. Br.	86,87	1	156	5	3	L	S	S	NONE	DIMILIN	PLANNED
t. Br.	87	1	213	4	3	L	S	S	NONE	DIMILIN	THINNED
t. Br.	88	1	230	3	3	L	M	S	NONE	DIMILIN	PLANNED
R RESOURCES		23	6,789	187							

ROPOSED 1987 GYPSY MOTH SPRAY BLOCKS FOR TIMBER RESOURCES WITHIN ALLEGHENY NATIONAL FOREST, PENNSYLVANIA

. NO.	COMP.	SPRAY		NO. STDS.	MGT.	DEFOLIATION			SPRAYED	PROPOSED	CUTTING
AME	NO.	BLCK NO.	ACRES	IN BLOCK	GOAL	ACTL. 1985	ACTL. 1986	PRED. 1987	IN 1985	FOR 1987	HISTORY
nt. Br.	43	1	325	6	3,6.1	M	S	S	NONE	DIMILIN	PLANNED
stline											
nt. Br.	57	1	160	2	3	L	S	S	NONE	DIMILIN	THINNED
stline											
line	44	1	103	4	3	M	S	S	NONE	DIMILIN	PLANNED
line	49	1	588	8	6.2	L	S	S	NONE	DIMILIN	THINNED
line	54	1	95	3	3	L	L	S	NONE	DIMILIN	PLANNED
line	58	1	253	2	3	L	L	S	NONE	DIMILIN	THINNED
ER RESOURCES		6	1,524	25							
ESOURCES		29	8,313	212							

BLOCKS FOR TIMBER RESOURCES WITHIN ALLEGHENY NATIONAL FOREST, PENNSYLVANIA

D. NO.	COMP.	SPRAY		NO. STDS.	MGT.	DEFOLIATION			SPRAYED	PROPOSED	CUTTING
NAME	NO.	BLCK NO.	ACRES	IN BLOCK	GOAL	ACTL. 1985	ACTL. 1986	PRED. 1987	IN 1985	FOR 1987	HISTORY
lletville	14	1	377	3	3	L	L	M	DIMILIN	DIMILIN	THINNED
lletville	21	1	528	16	3	L	M	M	DIMILIN	DIMILIN	THINNED
lletville	22	1	162	5	3,6.2	L	M	S	DIMILIN	DIMILIN	THINNED
/ille W.	22	2	181	4	3	L	M	M	NONE	DIMILIN	PLANNED
lletville	23	1	457	15	6.2	L	M	S	NONE	DIMILIN	THINNED
lletville	23	2	436	20	6.2	L	M	S	NONE	DIMILIN	THINNED
lletville	23	3	428	13	6.2	L	L	S	NONE	DIMILIN	PLANNED
layburg											
letville	24	1	425	18	6.1,6.2	L	L	S	NONE	DIMILIN	PLANNED
layburg											
letville	24	2	380	15	6.2	L	L	S	NONE	DIMILIN	PLANNED
layburg											
letville	28	1	409	11	6.2	L	L	S	NONE	DIMILIN	PLANNED
layburg											
ersbrg.	15	1	456	12	3	L	M	M	DIMILIN	DIMILIN	THINNED
ersbrg.	20	1	318	21	3	L	L	M	DIMILIN	DIMILIN	PLANNED
ersbrg.	21	2	48	2	3	L	M	M	DIMILIN	DIMILIN	PLANNED
ersbrg.	25	1	147	2	3	L	L	M	DIMILN	DIMILN	PLANNED
lle W.	28	2	86	3	3	L	L	S	DIMILIN	DIMILIN	THINNED
lle W.	28	3	50	2	3	L	L	S	DIMILIN	DIMILIN	THINNED
lle W.	28	4	52	3	3	L	L	S	DIMILIN	DIMILIN	THINNED
ER RESOURCES		17	4,940	664							
Hickory	2	A	240	4	3	L	S	M	B.T.	B.T.	THINNED
ER RES. B.T.		1	240	1							
ESOURCES		18	5,180	665							

& NAME	STAND NO.	BLCK NO.	ACRES	NO. STUS. IN BLOCK	MGT. GOAL	DEFOLIATION ACTL. 1985	DEFOLIATION ACTL. 1986	DEFOLIATION PRED. 1987	SPRAYED IN 1985	PROPOSED FOR 1987	CUTTING HISTORY
Warren	5	1	201	9	3	L	L	S	DIMILIN	DIMILIN	THINNED
Warren	7	1	73	2	3	L	L	S	DIMILIN	DIMILIN	THINNED
Warren	7	2	42	3	3	L	L	S	DIMILIN	DIMILIN	THINNED
Warren	7	3	45	4	3	L	L	S	DIMILIN	DIMILIN	THINNED
Warren	9	1	42	2	6.1	L	L	M	DIMILIN	DIMILIN	THINNED
Warren	9	2	212	13	6.1	L	L	M	DIMILIN	DIMILIN	THINNED
Warren	18	1	191	1	3	L	L	M	DIMILIN	DIMILIN	THINNED
Warren	19	1	62	3	3	L	L	M	DIMILIN	DIMILIN	THINNED
Warren	19	2	22	3	3	L	L	M	DIMILIN	DIMILIN	THINNED
Warren	19	3	39	2	3	L	L	M	DIMILIN	DIMILIN	THINNED
Warren	29	1	256	12	3	L	L	S	DIMILIN	DIMILIN	THINNED
Clarendon	9	3	85	5	3	L	L	M	DIMILIN	DIMILIN	THINNED
Clarendon	9	4	53	4	3	L	L	M	DIMILIN	DIMILIN	THINNED
Clarendon	10	1	259	9	3	L	L	S	NONE	DIMILIN	PLANNED
Clarendon	18	1	191	9	3	L	L	M	DIMILIN	DIMILIN	THINNED
Cobham	81	1	100	5	3	L	L	S	DIMILIN	DIMILIN	THINNED
Cobham	81	2	107	4	3	L	L	S	DIMILIN	DIMILIN	THINNED
Cobham	82	1	103	2	3	L	M	S	DIMILIN	DIMILIN	THINNED
Cobham	82	2	36	3	3	L	M	S	DIMILIN	DIMILIN	THINNED
Cobham	82	3	52	4	3	L	L	S	DIMILIN	DIMILIN	THINNED
Cobham	83	1	128	3	3	L	L	S	DIMILIN	DIMILIN	THINNED
Cobham	84	1	186	8	3	L	L	S	DIMILIN	DIMILIN	THINNED
Cobham	131	1	112	4	3	L	S	S	DIMILIN	DIMILIN	THINNED
IMBER RESOURCES		23	2,597	114							

AU. NO.	COMP.	SPRAY		NO. STDS.	MGT.	DEFOLIATION			SPRAYED	PROPOSED	CUTTING
NAME	NO.	BLCK NO.	ACRES	IN BLOCK	GOAL	ACTL. 1985	ACTL. 1986	PRED. 1987	IN 1985	FOR 1987	HISTORY
obham	132	1	75	1	3	L	M	S	DIMILIN	DIMILIN	THINNED
obham	132	2	136	7	3	L	M	S	DIMILIN	DIMILIN	THINNED
obham	137	1	147	7	3	L	M	M	DIMILIN	DIMILIN	THINNED
obham	138	2	560	17	3	L	L	M	DIMILIN	DIMILIN	THINNED
obham	140	1	599	9	3	L	L	S	DIMILIN	DIMILIN	THINNED
herry Gr.	118	1	385	14	6.2	L	L	S	DIMILIN	DIMILIN	THINNED
herry Gr.	119	3	189	10	6.2	L	L	S	DIMILIN	DIMILIN	THINNED
herry Gr.	121	1	324	18	3	L	L	S	DIMILIN	DIMILIN	THINNED
herry Gr.	121	2	180	2	3	L	M	S	DIMILIN	DIMILIN	THINNED
elletville	144	1	94	1	3	L	M	M	DIMILIN	DIMILIN	THINNED
elletville	144	2	484	9	3	L	M	S	DIMILIN	DIMILIN	THINNED
elletville	145	1	83	7	3	L	L	S	DIMILIN	DIMILIN	THINNED
elletville	145	2	86	2	3	L	M	S	DIMILIN	DIMILIN	THINNED
elletville	145	3	52	2	3	L	M	S	DIMILIN	DIMILIN	THINNED
elletville	151	1	359	35	3	L	M	S	DIMILIN	DIMILIN	THINNED
elletville	152	1	246	6	3	L	L	M	DIMILIN	DIMILIN	THINNED
elletville	152	2	33	1	3	L	M	M	DIMILIN	DIMILIN	THINNED
elletville	153	1	471	4	3	M	M	S	DIMILIN	DIMILIN	THINNED
elletville	154	1	680	10	3	M	M	S	NONE	DIMILIN	THINNED
ayburg	139	1	145	3	3	L	L	S	NONE	DIMILIN	THINNED
dioute	131	2	38	1	3	L	M	S	DIMILIN	DIMILIN	THINNED
dioute	131	3	57	2	3	L	M	S	DIMILIN	DIMILIN	THINNED
dioute	131	4	125	1	3	L	M	S	DIMILIN	DIMILIN	THINNED
MBER RESOURCES		23	5,548	169							
R RESOURCES		46	8,145	283							

PROPOSED 1987 GYPSY MOTH SPRAY BLOCKS FOR RECREATIONAL RESOURCES WITHIN ALLEGHENY NATIONAL FOREST, PENNSYLVANIA

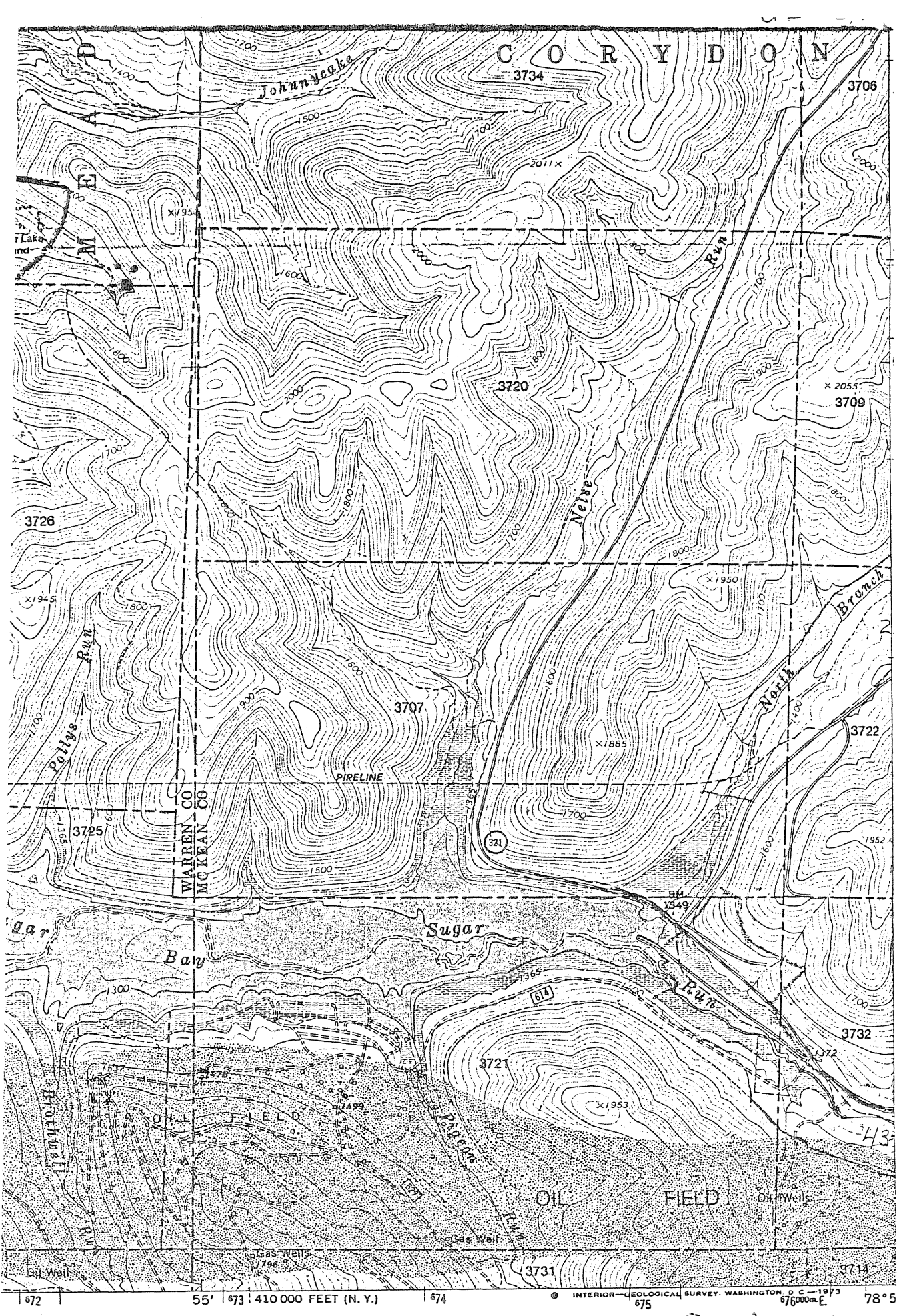
QUAD. NO. & NAME	COMP. NO.	SPRAY BLCK I.D.	ACRES	MGT. GOAL	DEFOLIATION ACTL. 1985	DEFOLIATION ACTL. 1986	DEFOLIATION PRED. 1987	SPRAYED IN 1985	PROPOSED FOR 1987
2-C'plant. Rn.	95	Webb's Fy.	52	6.4	L	M	M	NONE	B.T.
2-C'plant. Rn.	96	Hook's Br.	117	6.4	L	M	M	B.T.	B.T.
2-C'plant. Rn.	9	Willow Bay	243	6.4	L	M	L	B.T.	B.T.
2-C'plant. Rn.	97	Roper Hlw.	48	6.4	L	M	M	B.T.	B.T.
2-C'plant. Rn.	14	Handsome L.	69	6.4	L	S	L	B.T.	B.T.
2-C'plant. Rn.	12,14,15	Tracy Rdge.	157	6.4	L	S	L	B.T.	B.T.
2-C'plant. Rn.	17	Hopewell	65	6.4	L	M	L	B.T.	B.T.
7-Clarendon	100	Scenic Drive	810	6.1	L	S	M	B.T.	B.T.
8-C'plant. Br.	41,46	Pine Grove	30	6.1	L	M	S	B.T.	B.T.
8-C'plant. Br.	46	Old. St. Rd.	13	6.1	M	S	L	NONE	B.T.
8-C'plant. Br.	86,87	Jake's Rcks.	372	6.1	L	S	S	NONE	B.T.
8-C'plant. Br.	47	Rim Rock	39	6.1	L	S	S	B.T.	B.T.
8-C'plant. Br.	46	Scenic Drive	65	6.1	L	S	S	NONE	B.T.
8-C'plant. Br.	47	Kinzua Beach	78	6.1	L	S	S	NONE	B.T.
8-C'plant. Br.	47	Kinzua O.L.	194	6.1	M	S	S	NONE	B.T.
8-C'plant. Br.	48	Morrison	79	6.1	L	M	S	B.T.	B.T.
8-C'plant. Br.	57	Red Bridge	56	6.1	L	M	S	NONE	B.T.
8-C'plant. Br.	87	Dew Drop	128	6.1	L	S	S	NONE	B.T.
8-C'plant. Br.	89	Elijah Run	29	6.1	L	M	S	NONE	B.T.
8-C'plant. Br.	94	Kiasutha	144	6.1	L	M	S	NONE	B.T.
8-C'plant. Br.	47,48	Rim Rck. Rd.	357	6.1	M	S	S	NONE	B.T.
AL RECREATION RESOURCES		21	3,145						

ROAD. NO. / NAME	COMP. NO.	SPRAY BLCK I.D.	ACRES	MGT. GOAL	DEFOLIATION ACTL. 1985	DEFOLIATION ACTL. 1986	DEFOLIATION PRED. 1987	SPRAYED IN 1985	PROPOSED FOR 1987
-Youngsville	Allegheny Front NRA-1		4,097	6.1,6.4	L	M	S	NONE	B.T.
-Youngsville	Allegheny Front NRA-2		374	6.1	L	M	S	NONE	B.T.
-Youngsville	1	Buckaloons	53	6.1	L	L	S	NONE	B.T.
-Youngsville	87	Hearts Cont.	70	6.1,8	L	L	S	NONE	B.T.
CREATIONAL RESOURCES		4	4,594						

'OSED 1987 GYPSY MOTH SPRAY BLOCKS FOR WILDLIFE RESOURCES WITHIN ALLEGHENY NATIONAL FOREST, PENNSYLVANIA

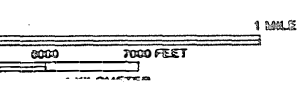
UAD. NO. NAME	COMP. NO.	SPRAY BLCK I.D.	ACRES	MGT. GOAL	DEFOLIATION ACTL. 1985	DEFOLIATION ACTL. 1986	DEFOLIATION PRED. 1987	SPRAYED IN 1985	PROPOSED FOR 1987
ELEASED AND PLANTED APPLE TREES FOR WILDLIFE RESOURCES----									
-C'plant. Rn.	95	WILD. A	333	6.1	L	L	M	NONE	B.T.
-C'plant. Rn.	2	WILD. B	122	3	L	L	L	NONE	B.T.
-C'plant. Rn.	22	WILD. C	114	6.2	L	M	M	NONE	B.T.
-C'plant. Rn.	43	WILD. D	144	6.1	L	M	L	NONE	B.T.
-Stickney	44	WILD. E	91	3	L	L	S	NONE	B.T.
-C'plant. Br.	57	WILD. F	119	6.1	L	L	S	NONE	B.T.
LDLIFE AERIAL SPRAY		6	923						
-Stickney	30	WILD. G	20 trees	6.1	N/A	N/A	N/A	NONE	B.T.
-C'plant. Br.	57	WILD. H	40 trees	6.1	N/A	N/A	N/A	NONE	B.T.
-Westline	53	WILD.I	60 trees	6.1	N/A	N/A	N/A	NONE	B.T.
-Westline	76	WILD.J	87 trees	6.1	N/A	N/A	N/A	NONE	B.T.
-C'plant. Br.	94	WILD.K	20 trees	6.1	N/A	N/A	N/A	NONE	B.T.
LDLIFE GROUND SPRAY		5 Sites	227 trees						

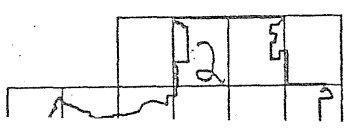
JAMESTOWN
Lakewood
Frewsburg
ALLEGANY INDIAN RESERVATION
ALLEGANY
STATE
RESERVOIR
CHAUTAUQUA CO
CATTARAUGUS CO
PENNSYLVANIA
WARREN CO
YOUNGSVILLE
WARREN
RIVER
2
3
5
6
7
8
9
12
13
19
20
26
27
STATE GAME LAND
Sheffield
Cherry Grove
Ludlow
KANE
East Kane
Mount Jewett
MCKEAN CO
ELK CO
FOREST CO
Kellettville
Lynch
Brookston
Highland
Byromtown
Marienville
STATE GAME LAND
Hallton
JOHNSONBURG
RIDGWAY
STATE GAME LAND NO 44
Portland Mills
CLARION
STATE FOREST
Clarington
JEFFERSON
KEY MAP



Proposed 8

M-F = B.T. Rec. S

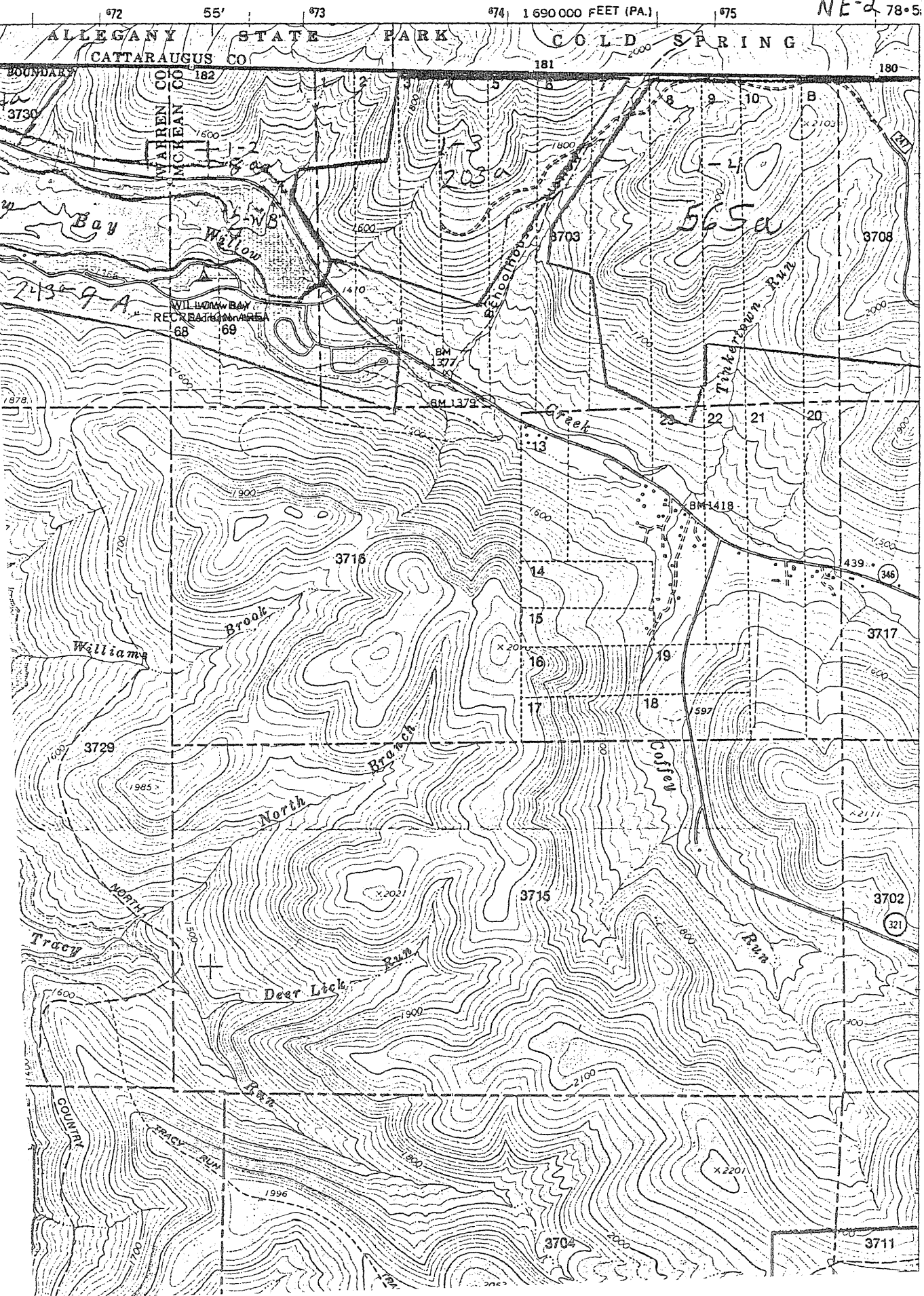




CORNPLANTER RUN QUADRANGLE
PENNSYLVANIA—NEW YORK
7.5 MINUTE SERIES (TOPOGRAPHIC)

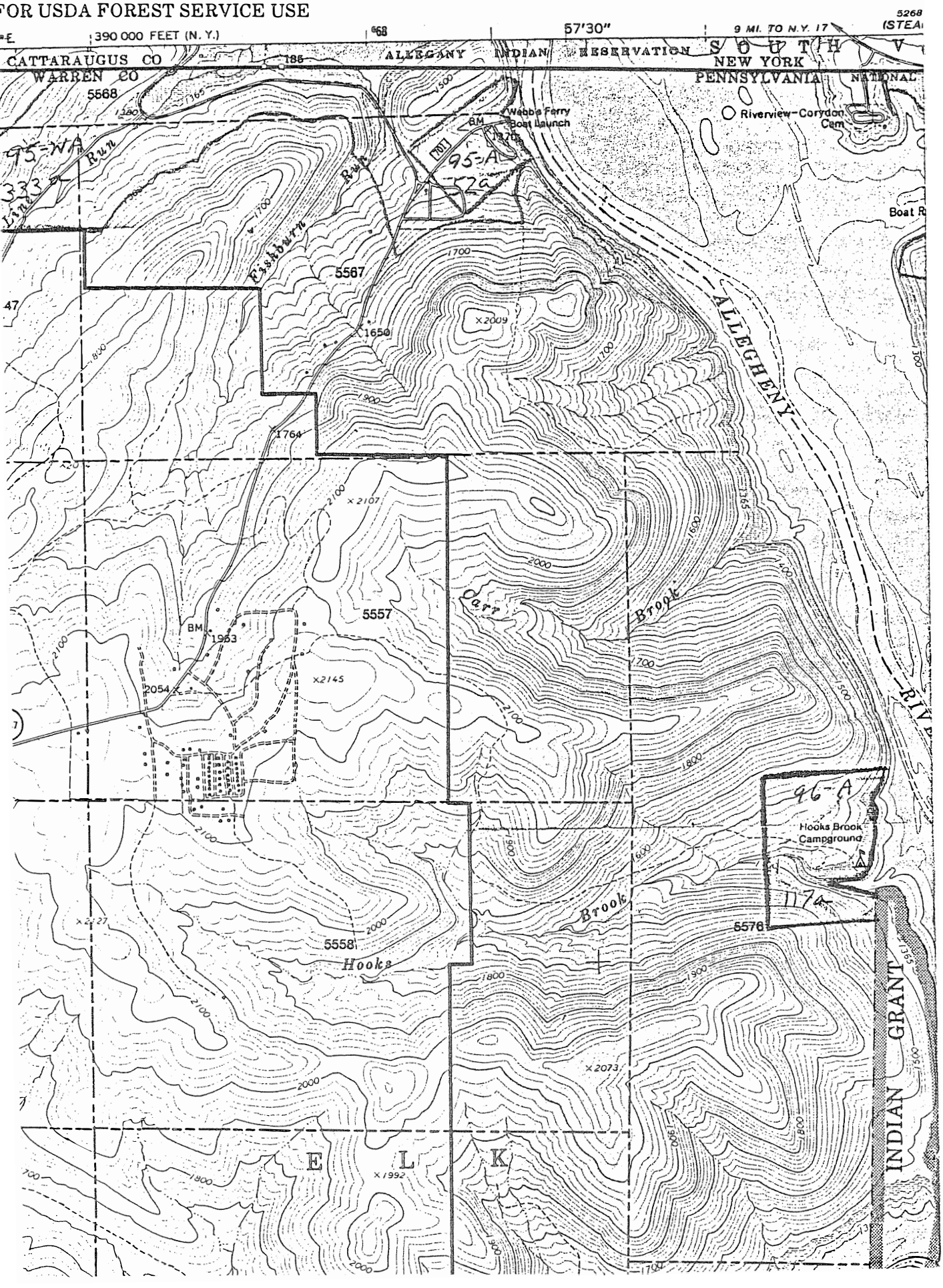
NW/4 KINZUA 15' QUADRANGLE

NE-2

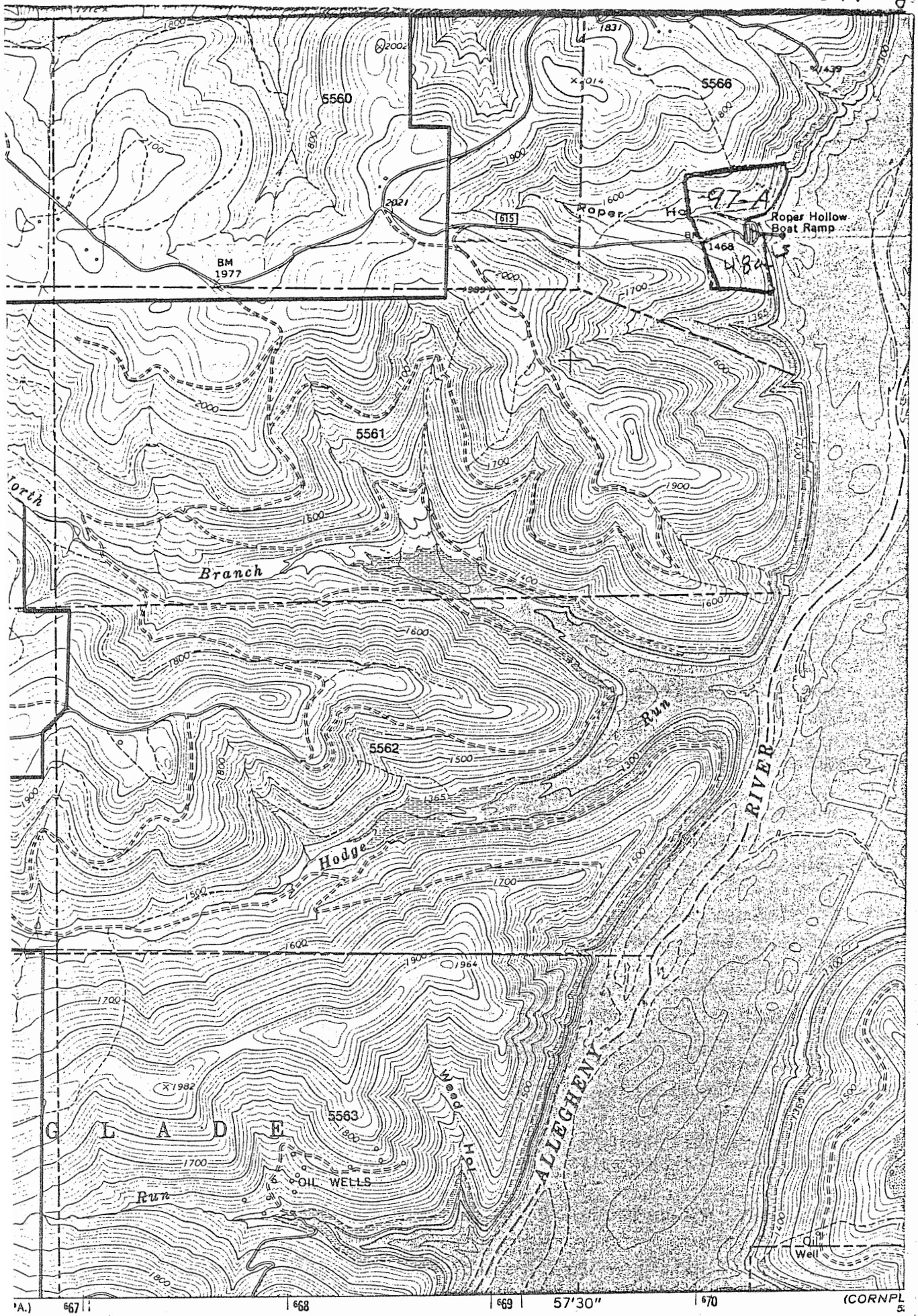


UNITED STATES
RTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FOR USDA FOREST SERVICE USE

NW-2



SW-7



I by the U.S. Geological Survey

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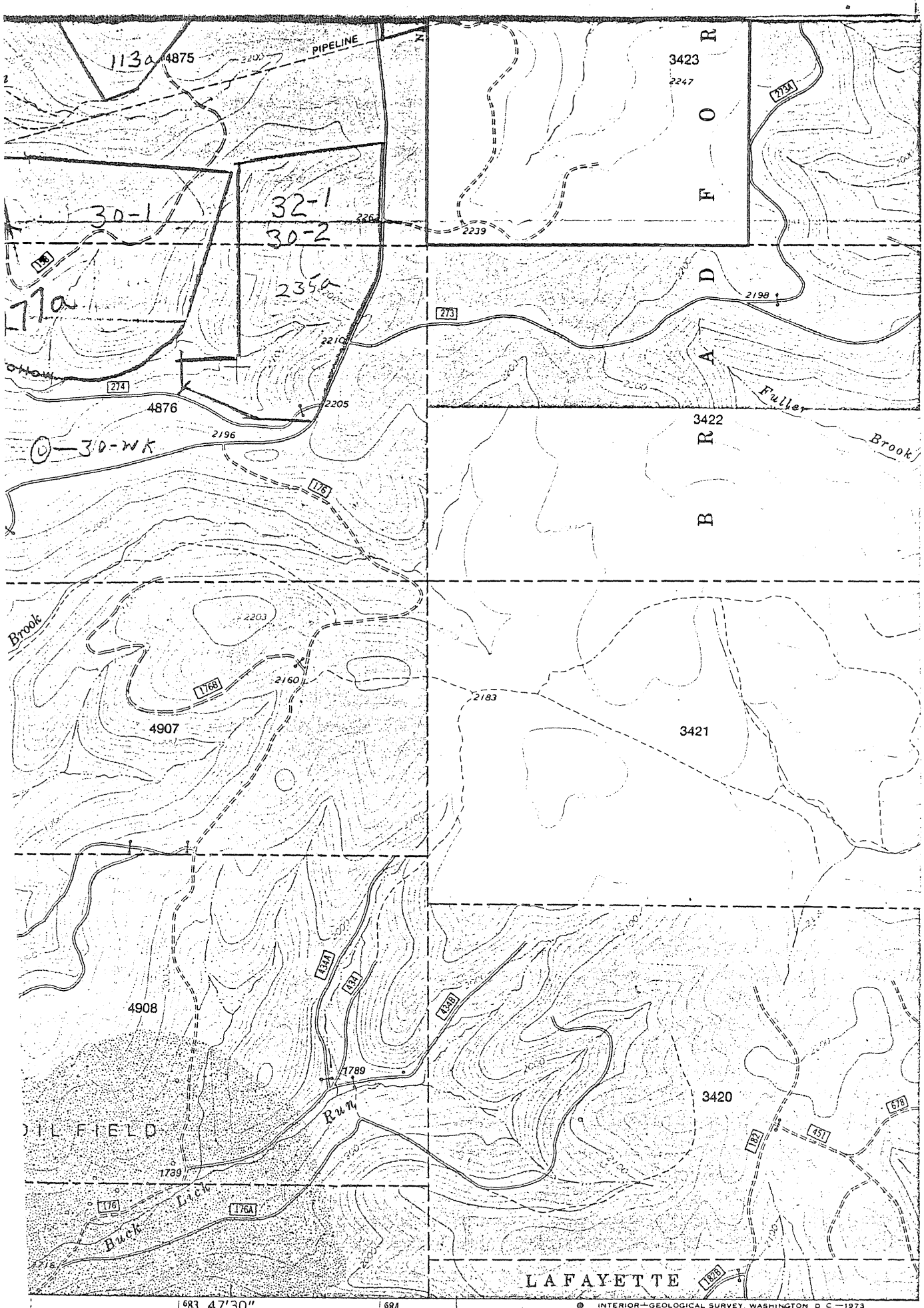
SE-3.



INTERIOR—GEOLOGICAL SURVEY, WASHINGTON D C—1973

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NE-3

STICKNEY QUADRANGLE
PENNSYLVANIA—NEW YORK
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 KINZUA 15' QUADRANGLE

682 47'30" 1 720 000 FEET (PA.) 685 686 78°

E PARK RED HOUSE

176 175 CATTARAUGUS CO 174

NIA NATIONAL FOREST BOUNDARY MC KEAN CO

Yeager Brook

354A 354 4871 4917 202 2085

BOUNDARY

FOSTER

FOREST NATIONAL

Branch 4872 4339 605 2009

North 673

51 68 54 55 56 57 58 NAT FOR BDY

Hollow

Wells Oil Wells Stickney Oil Well 4873 Oil Wells Cobb Oil Well 1909 Creek 346 3909

35 34 Willow 1805 50

Oil Well

Porter Hollow 26-2 351a

3a 8-1 79a 1771 172 4874 2065 3424 Brook

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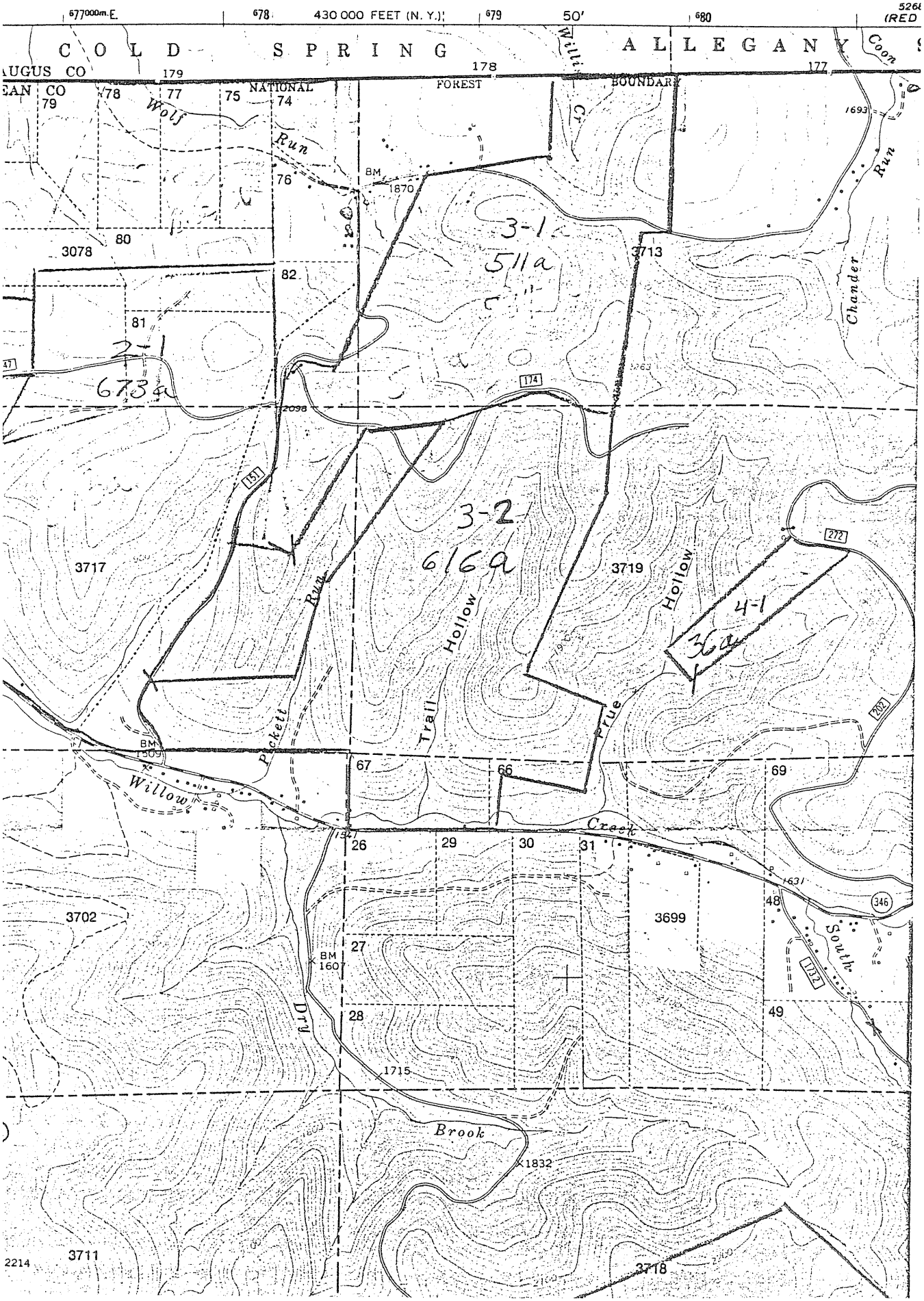
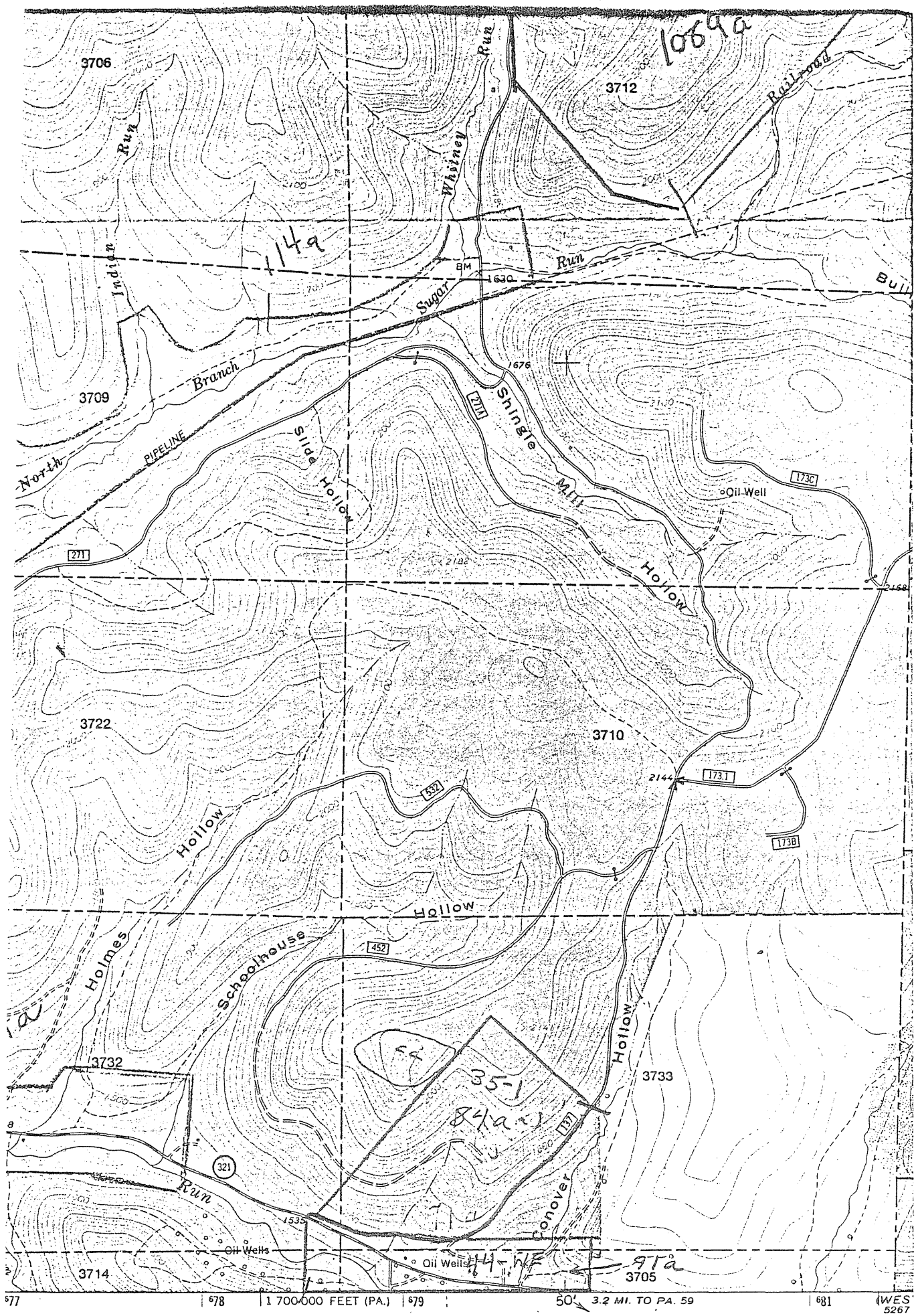
USDA FOREST SERVICE USE

NW-3



SW-2

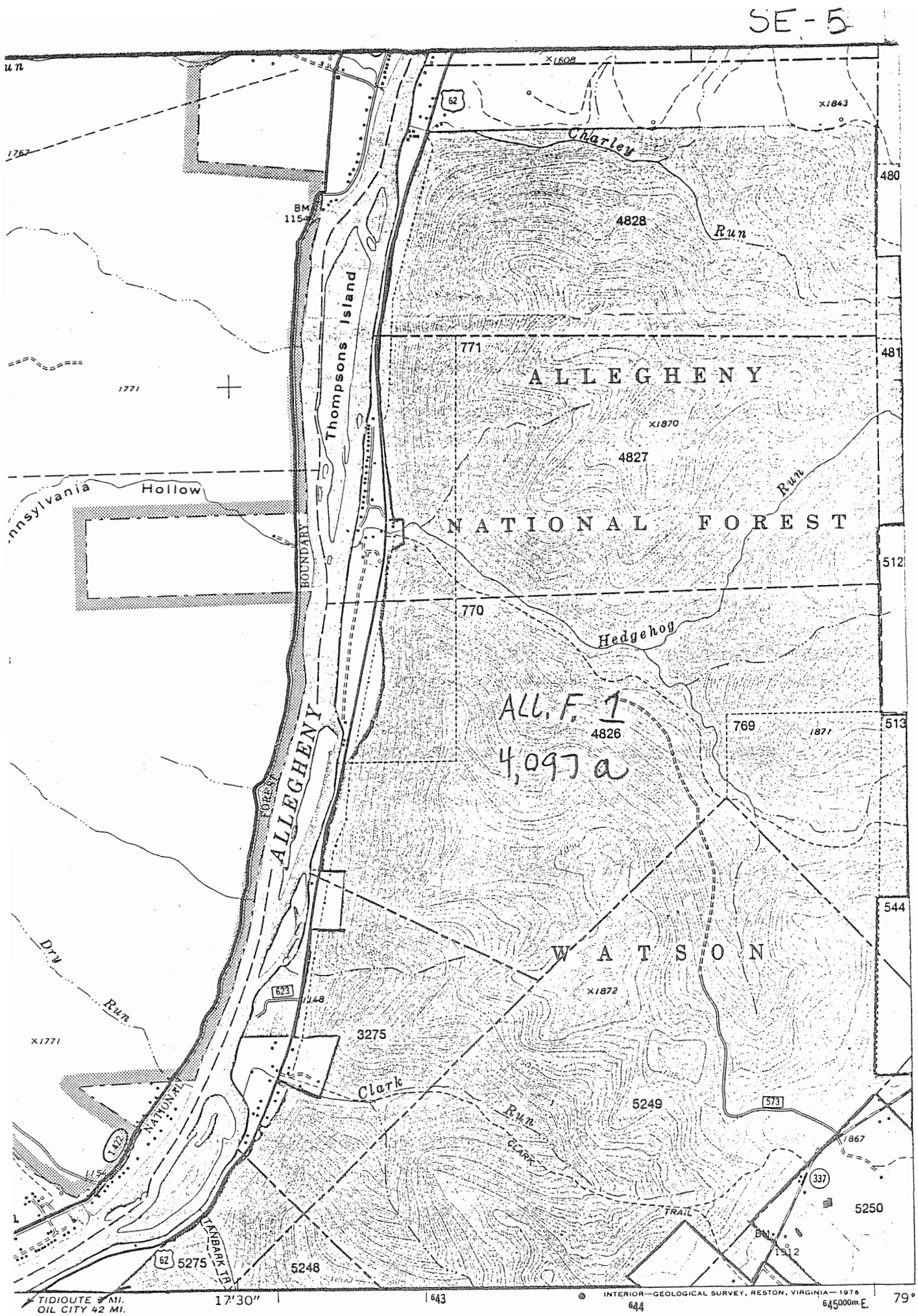


l by the U.S. Geological Survey

USC&GS

SCALE

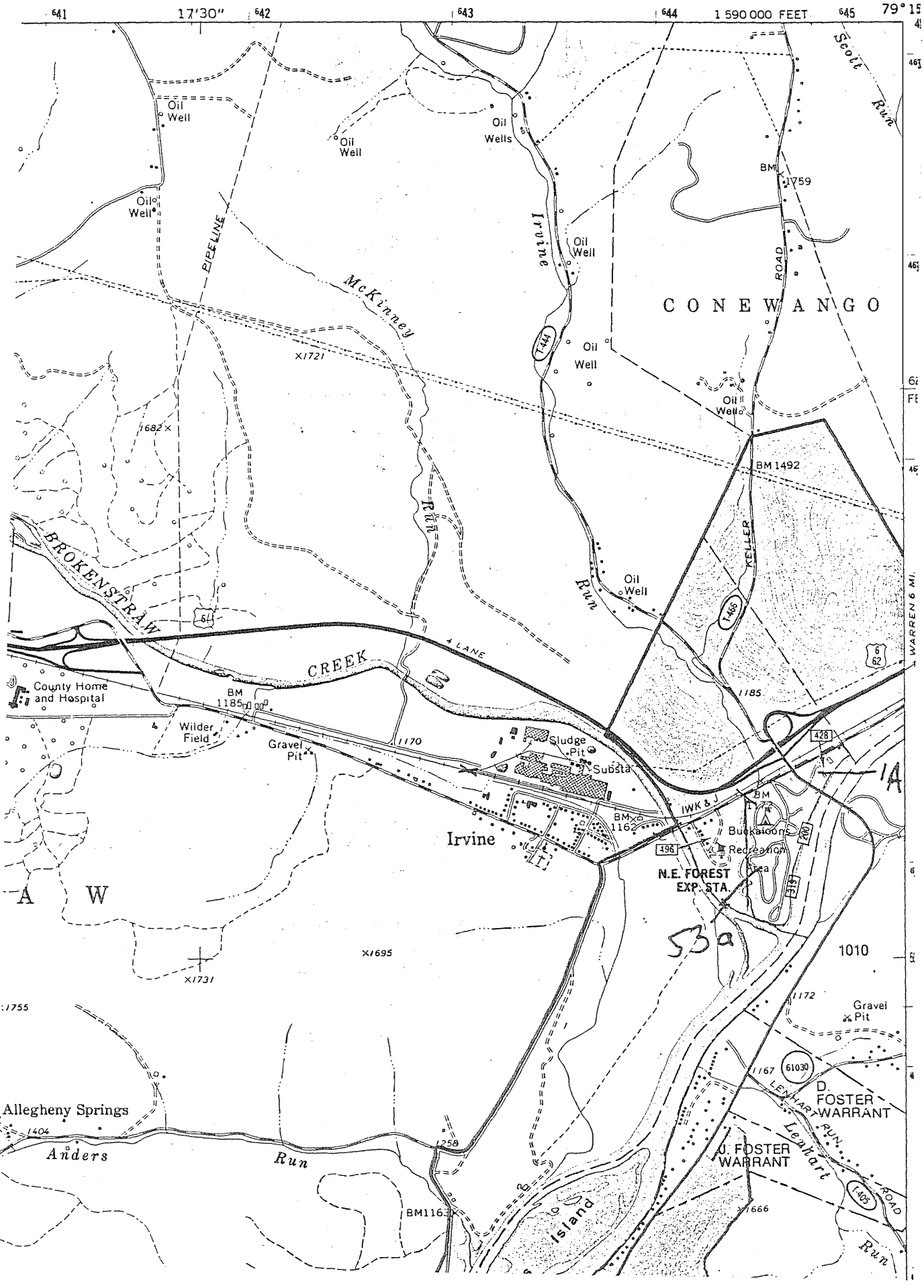
SE-5



PROPOSED

NE-5

YOUNGSVILLE QUADRANGLE
PENNSYLVANIA—WARREN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



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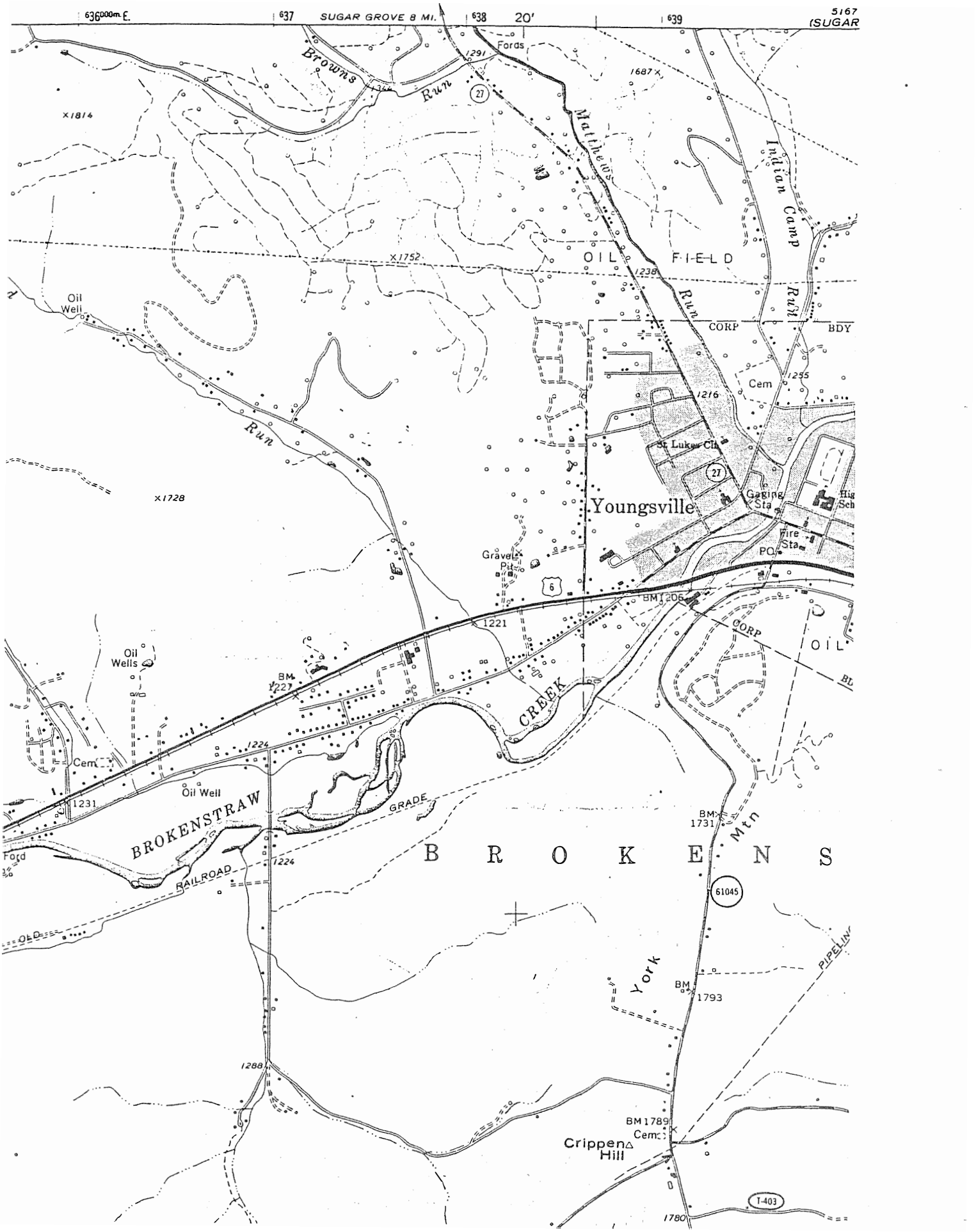
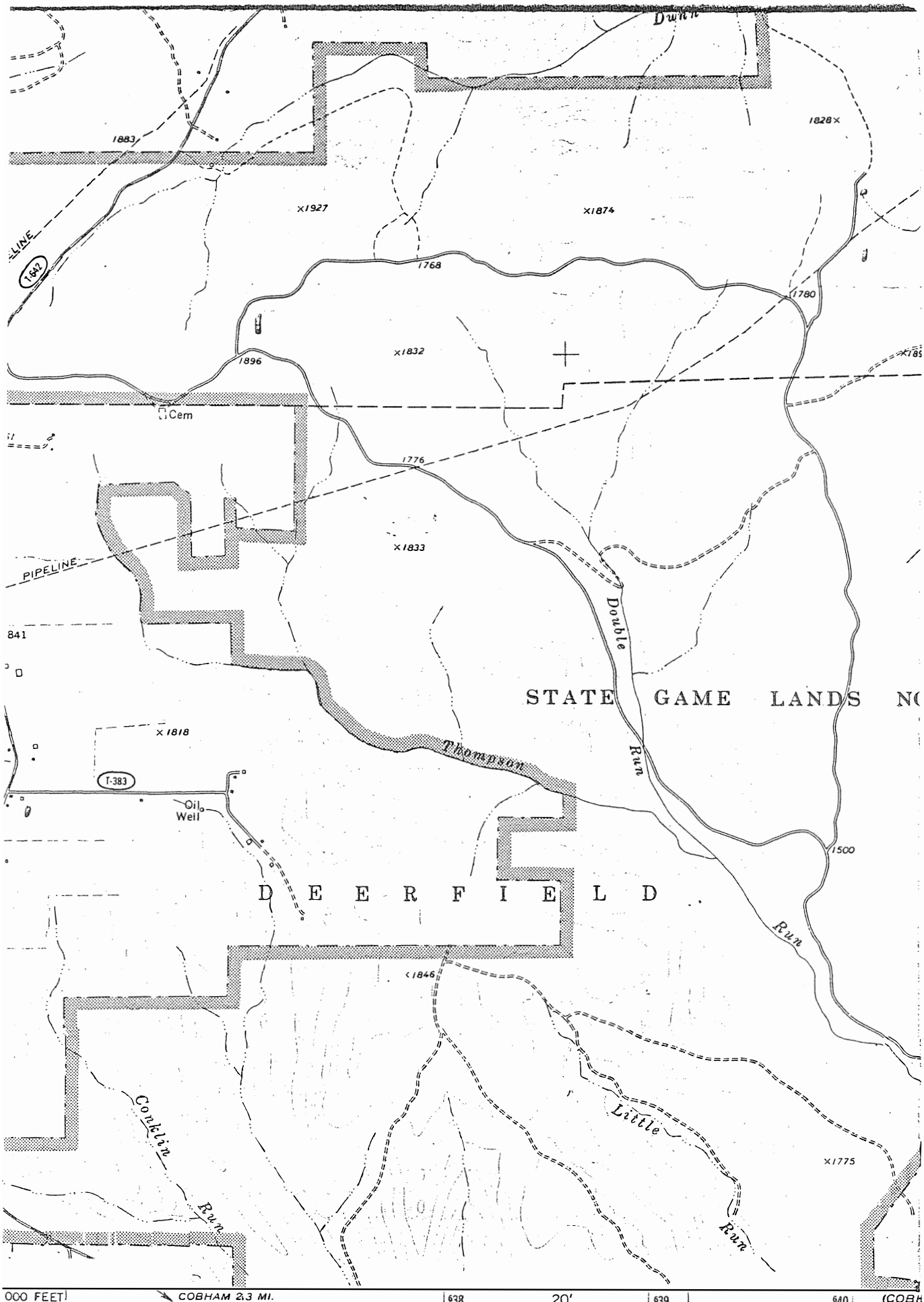
SDA FOREST SERVICE USE

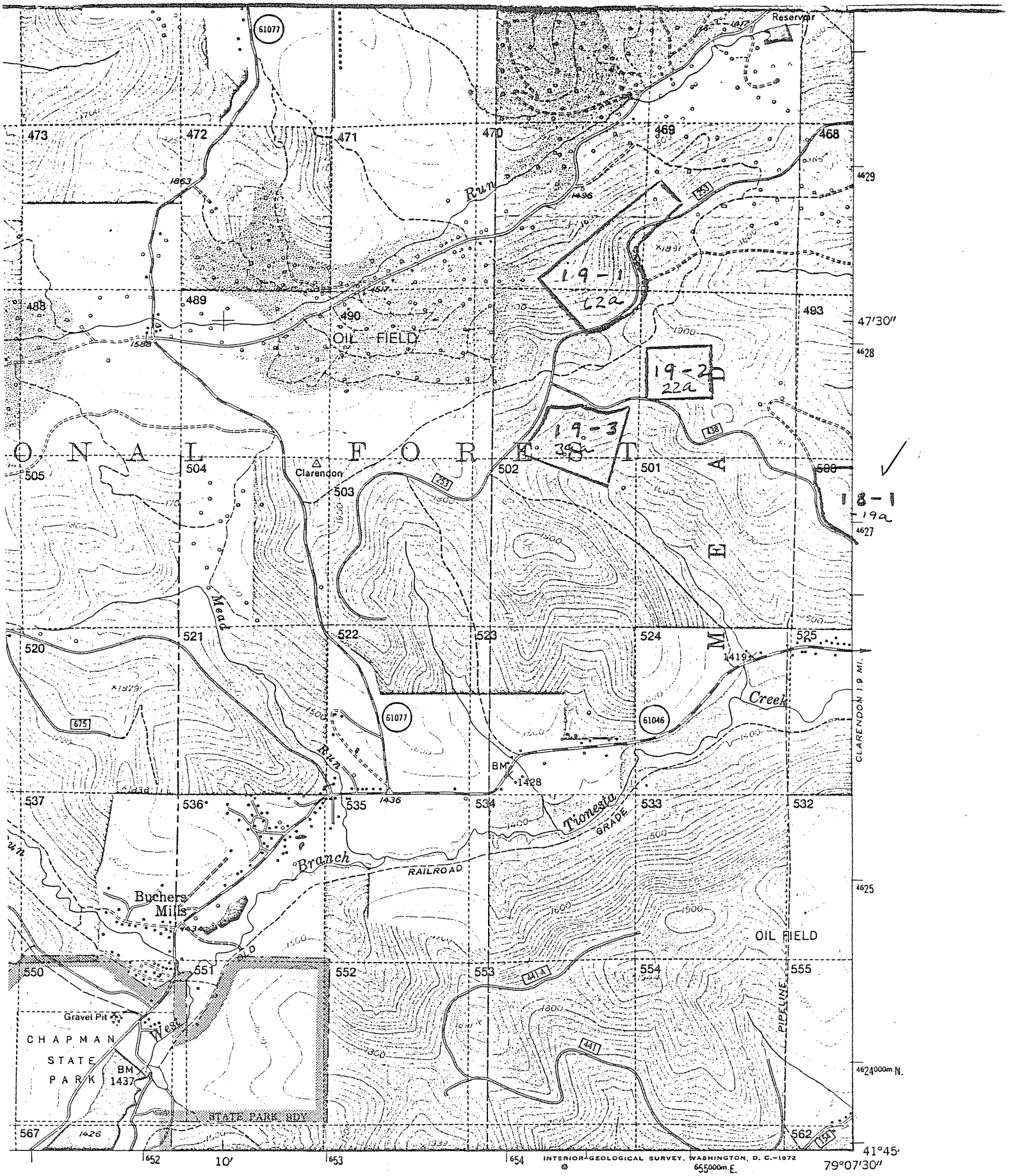
NW-5



SW-5


Dunn
1883
1828×
×1927
×1874
1768
1780
1642
1896
×1832
Cem
1776
×1833
PIPELINE
841
Double
STATE GAME LANDS NO
×1818
Thompson
Run
T-383
Oil Well
1500
D E E R F I E L D
Run
1846
Conklin
Run
Little
Run
×1775
000 FEET
COBHAM 2.3 MI.
638
20'
639
640
(COBH
5167 I
by the U.S. Geological Survey
SCALE 1:

SE-6

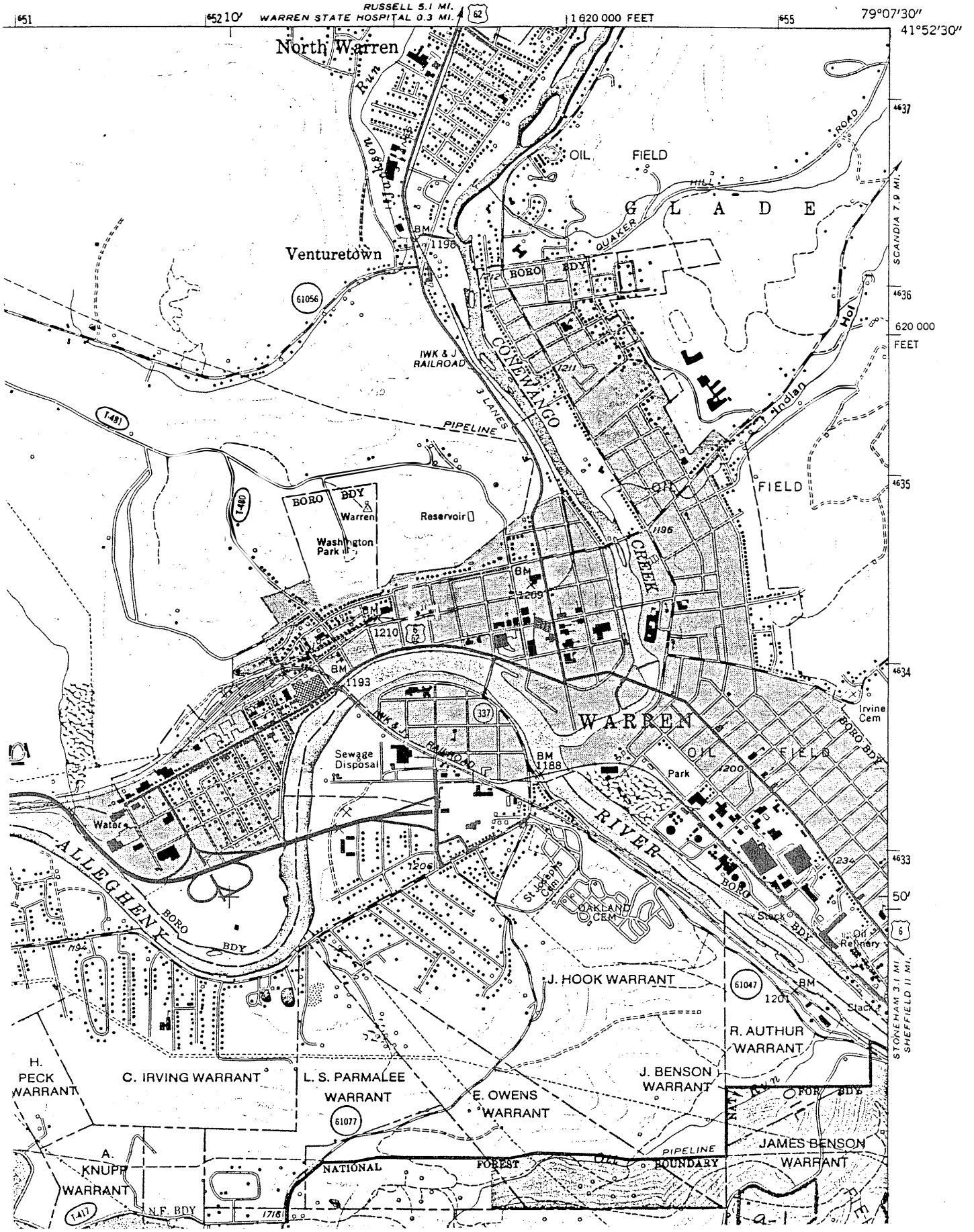


PROPOSED
1987 GYPSY MOTH PROJECT

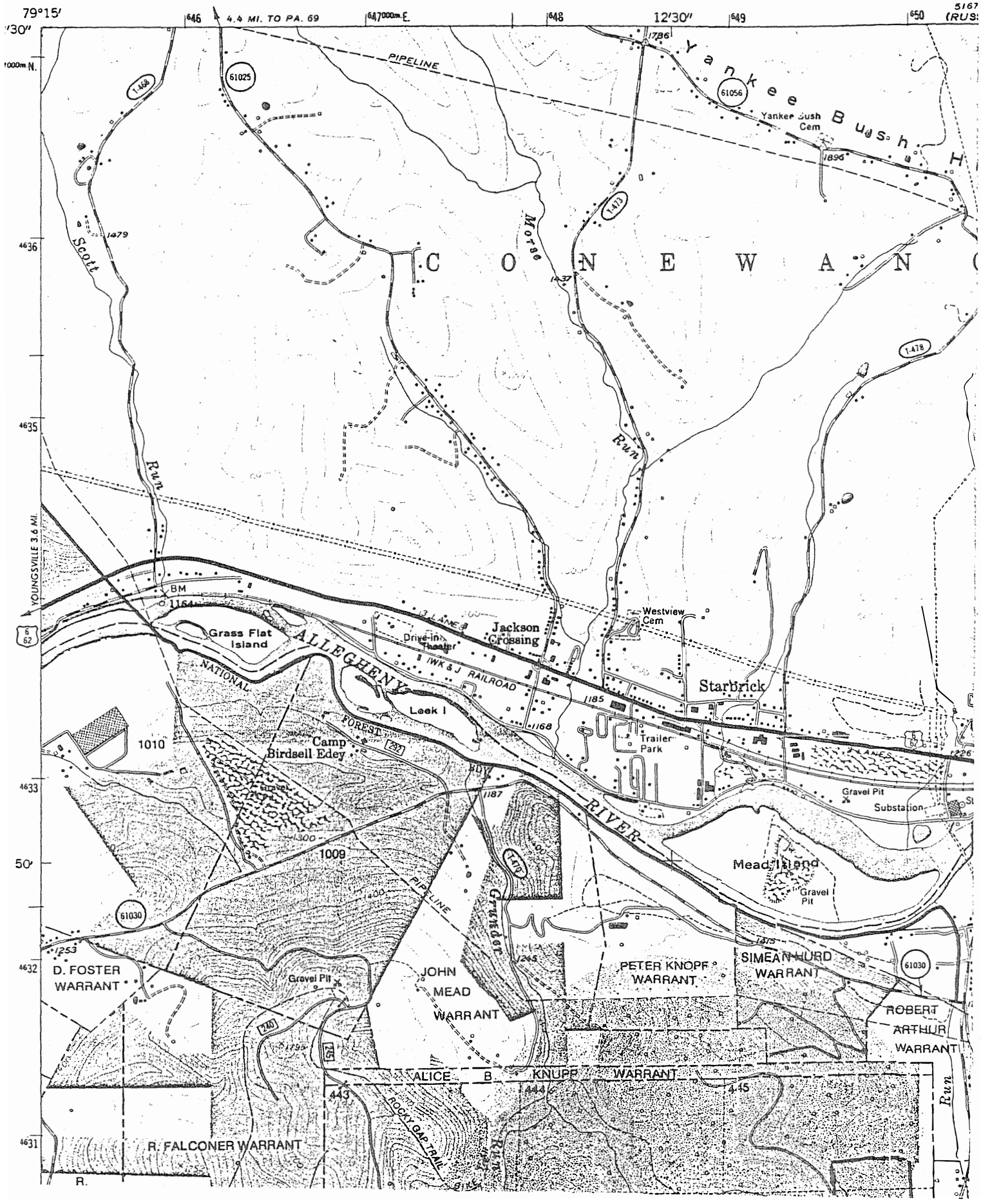
(SHEFFIELD) 5167 II NE

WARREN QUADRANGLE
PENNSYLVANIA—WARREN CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

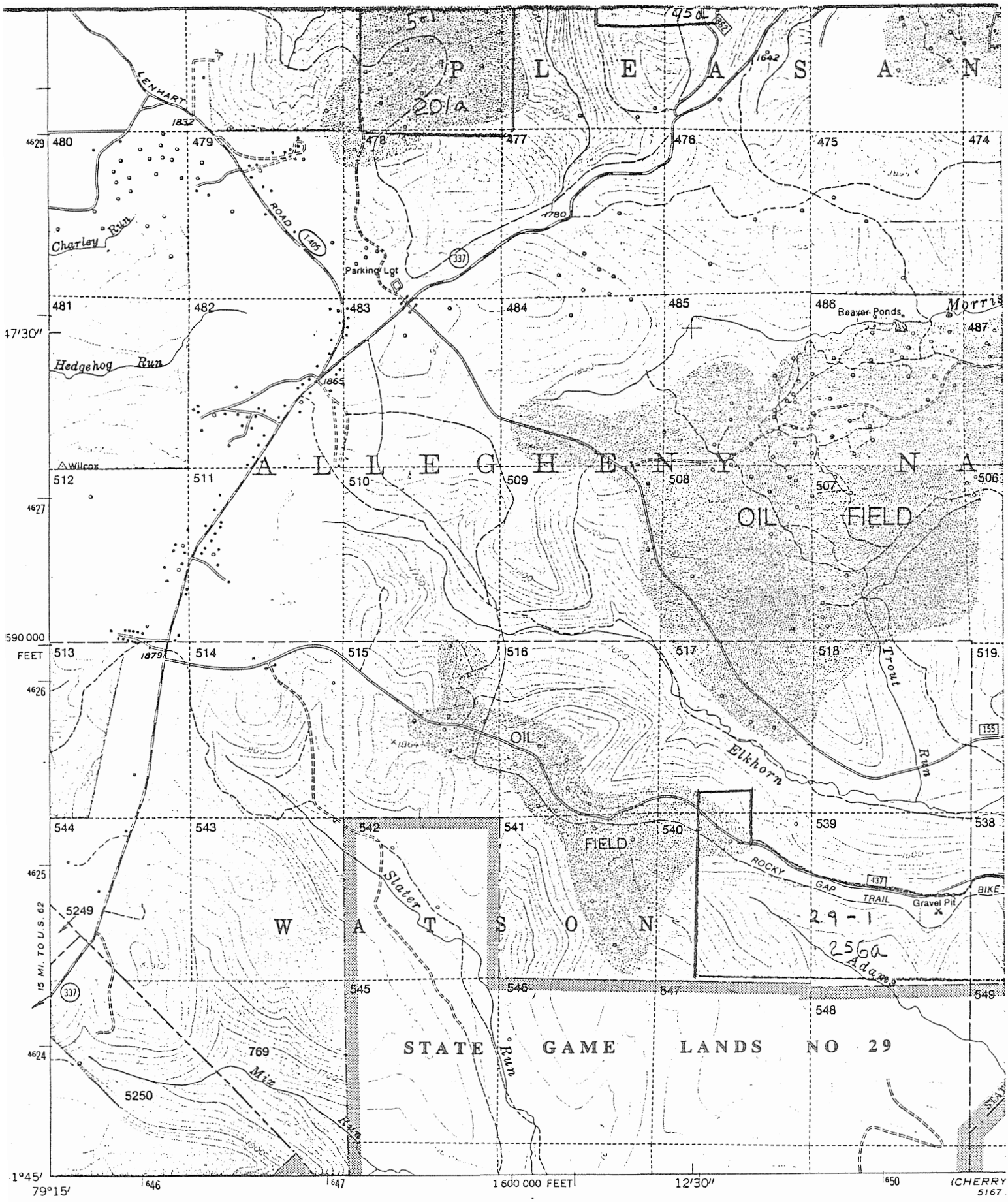
5167 I NE (SCANDIA)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MODIFIED FOR USDA FOREST SERVICE USE



SW-6



Base map prepared by the U.S. Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods. Aerial photographs taken 1953. Field check 1954

Polyconic Projection. 1927 North American Datum.
10,000-foot grid based on Pennsylvania coordinate system, north zone

MN GN
8° 142 MILS 1° 13' 21 MILS

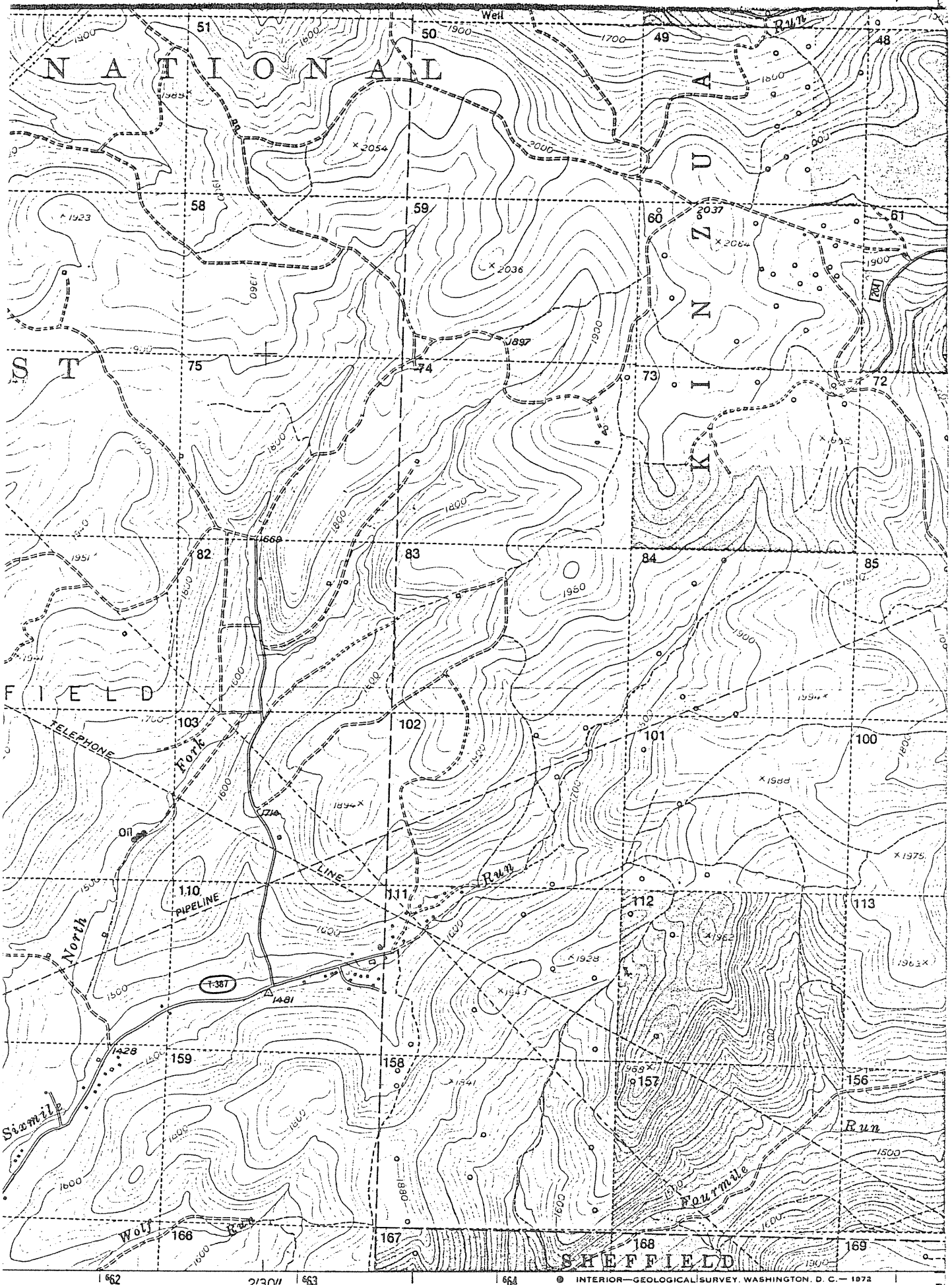
SCALE 1

1000 0 1000 2000

CONTOUR INTI

DATUM IS MEA

SE-7



INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1972

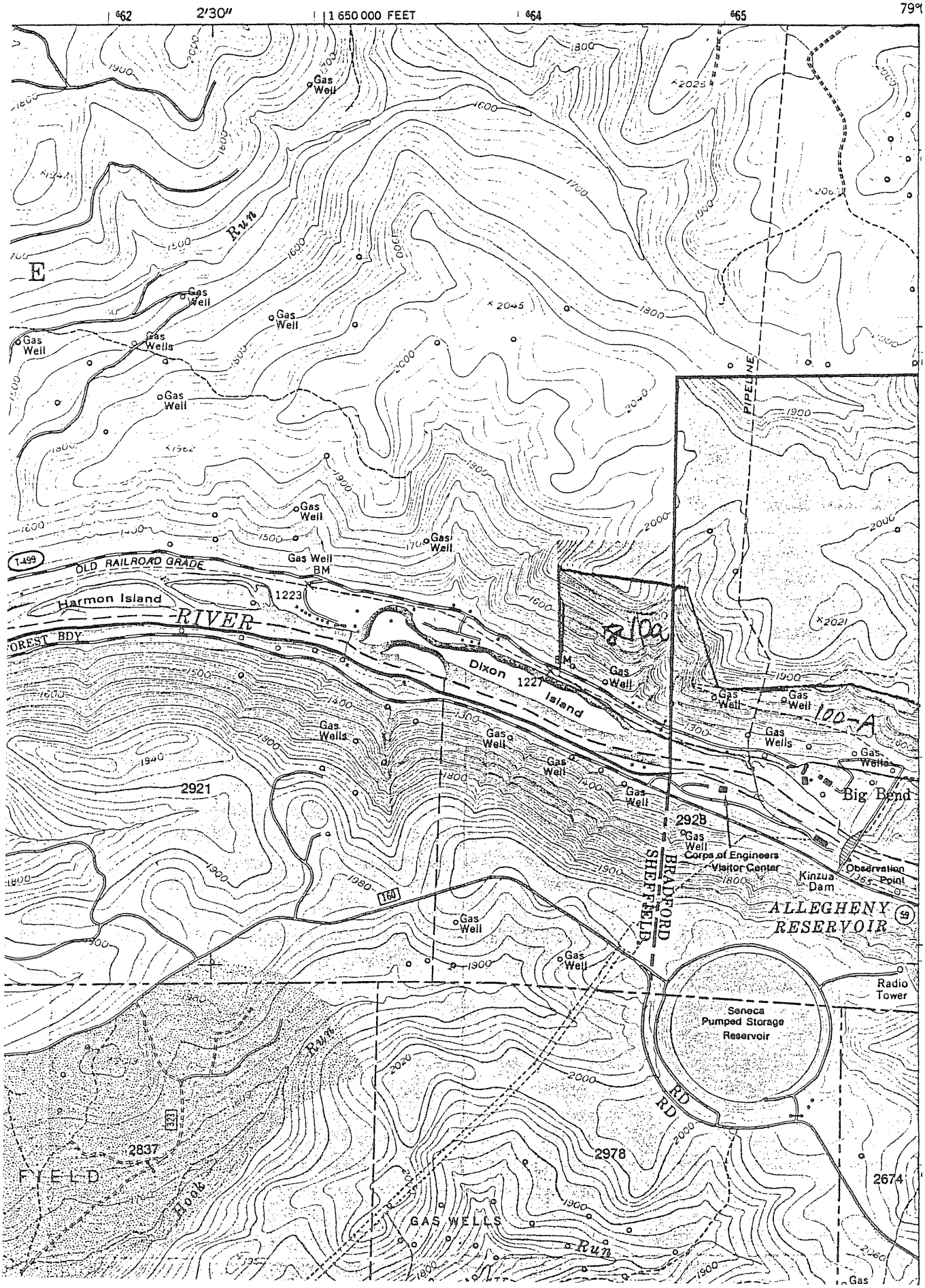
665000m.E.

NE-7

CLARENDON QUADRANGLE

PENNSYLVANIA—WARREN CO.

7.5 MINUTE SERIES (TOPOGRAPHIC)



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IENT OF THE INTERIOR
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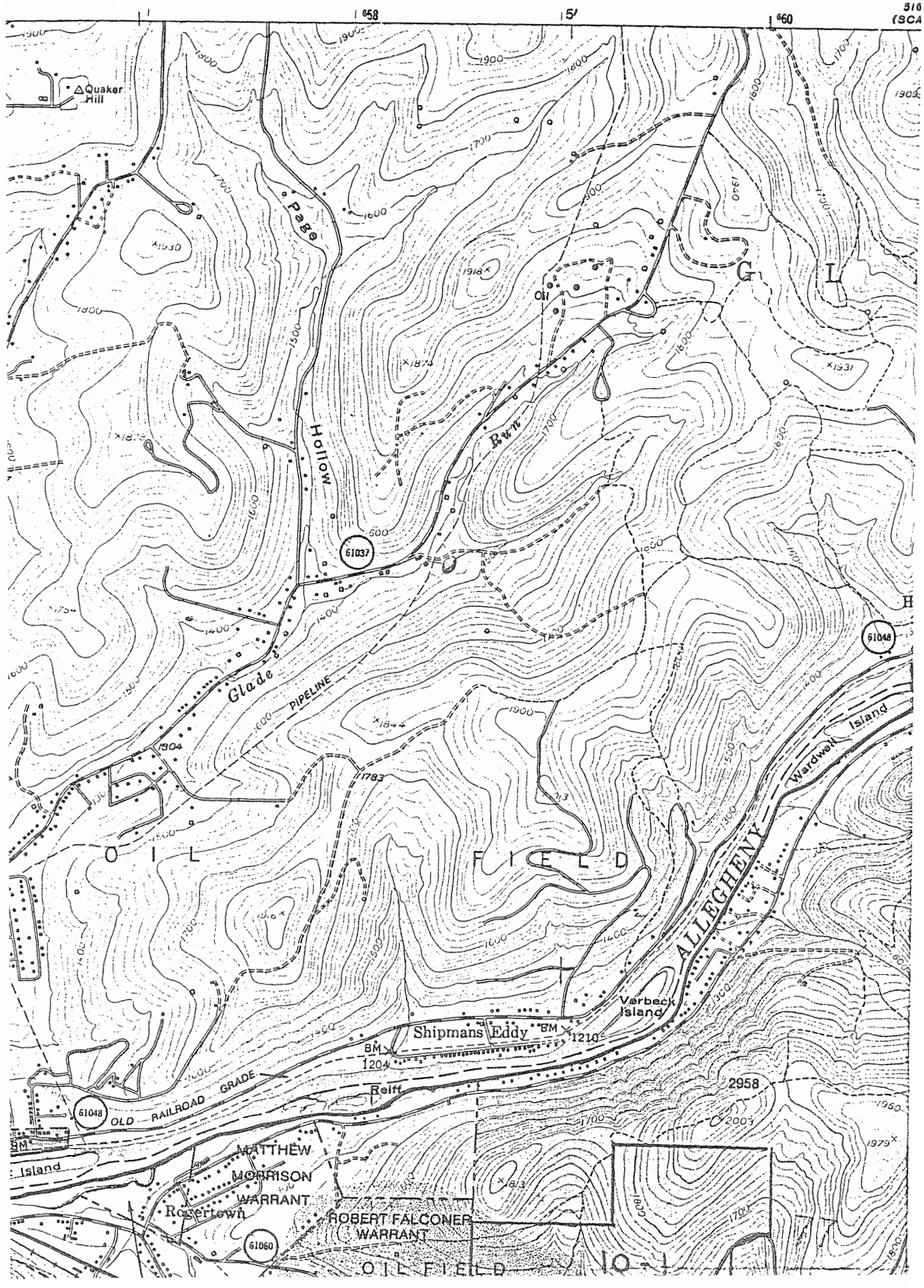
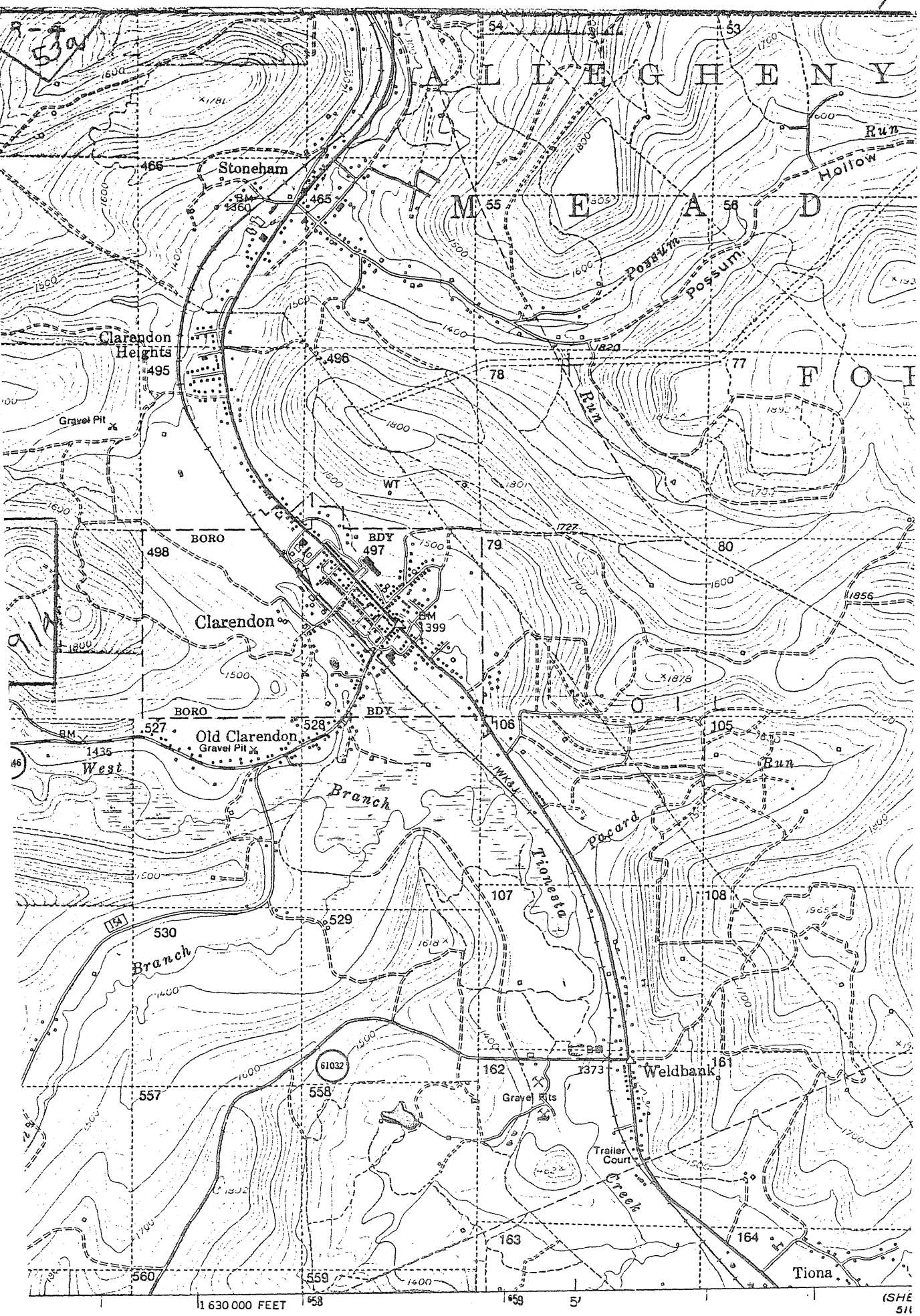
USDA FOREST SERVICE USE

NW-7



SW-7

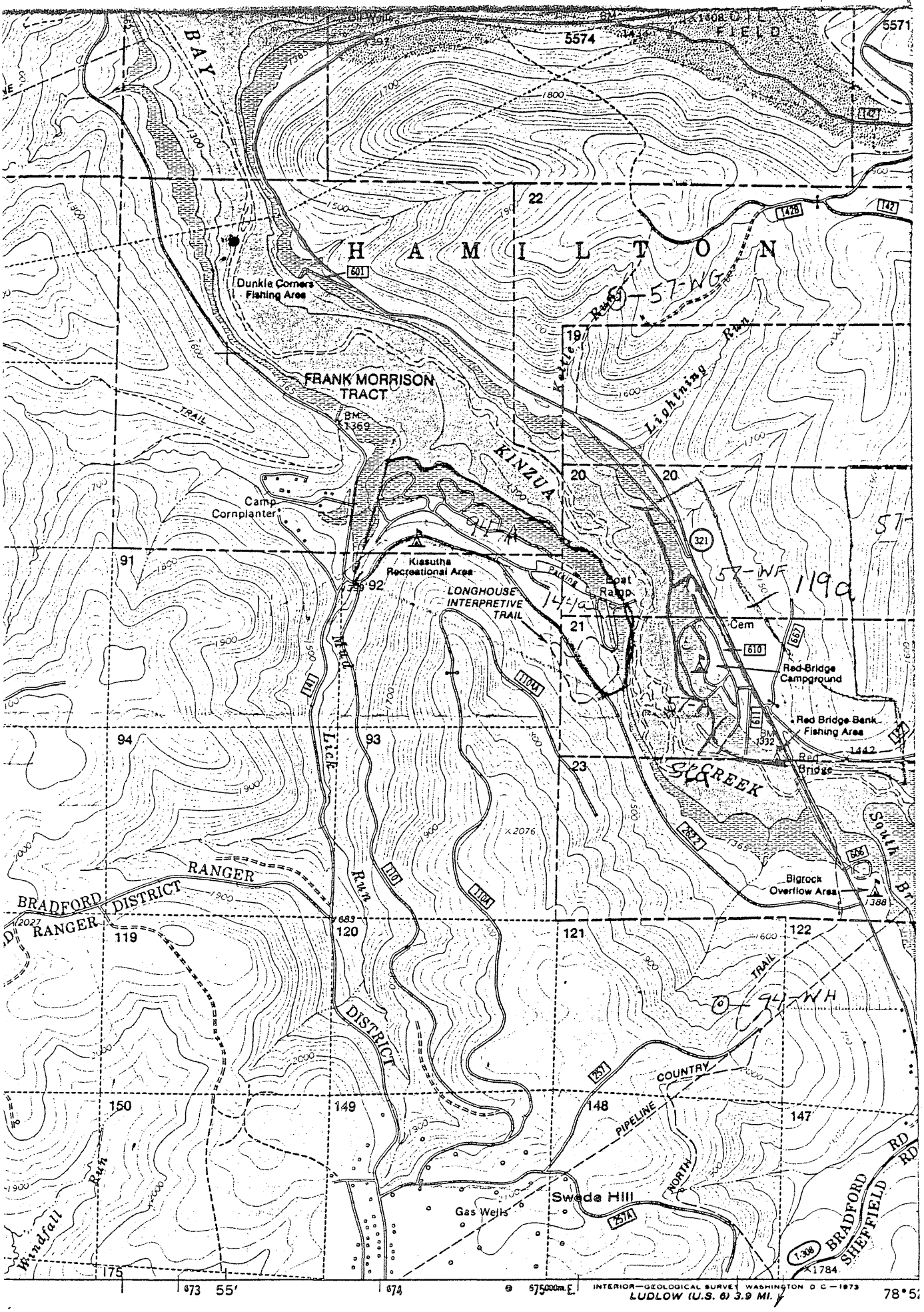


by the U.S. Geological Survey

C&GS

SCAL

SE-8


BAY
H A M I L T O N
FRANK MORRISON TRACT
Dunkle Corners Fishing Area
Camp Cornplanter
Kiasutha Recreational Area
LONGHOUSE INTERPRETIVE TRAIL
Boat Ramp
Red-Bridge Campground
Red Bridge Bank Fishing Area
Red Bridge
Bigrock Overflow Area
Swede Hill
Gas Wells
KINZUA
Kettle Run
Lightning Run
Mud Run
Link Run
Windfall Run
SQUAW CREEK
South Br
BRADFORD RANGER DISTRICT
COUNTRY PIPELINE
NORTH BRADFORD SHEFFIELD RD
TRAIL
Cem
BM 1369
BM 1332
5574
5571
1408
1442
1784
1388
1308
LUDLOW (U.S. 6) 3.9 MI.
INTERIOR—GEOLOGICAL SURVEY WASHINGTON D C—1973
57-WG
57-WF 119a
94-WH
14-1a

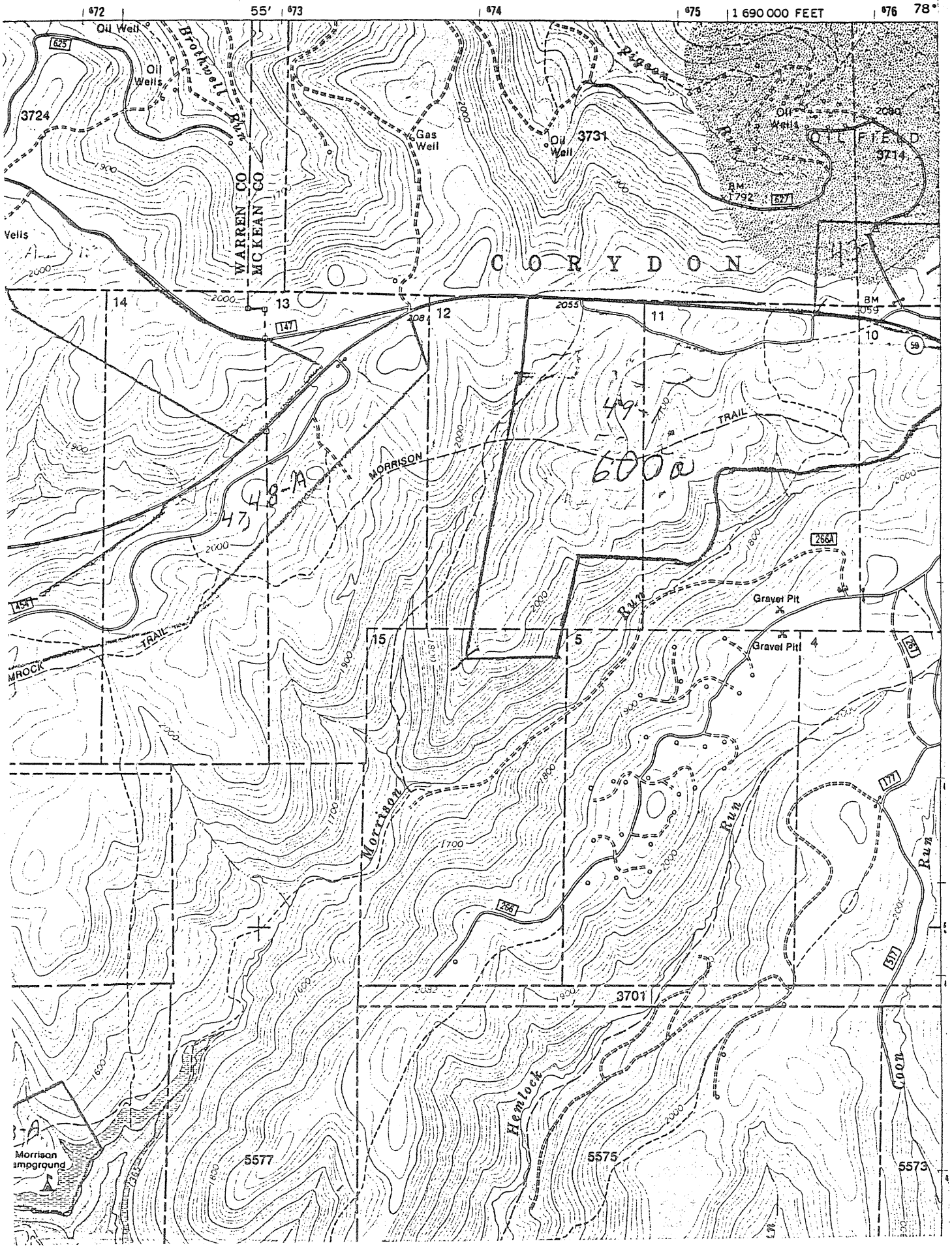
NE-8

CORNPLANTER BRIDGE QUADRANGLE

PENNSYLVANIA

7.5 MINUTE SERIES (TOPOGRAPHIC)

SW/4 KINZUA 15' QUADRANGLE



UNITED STATES
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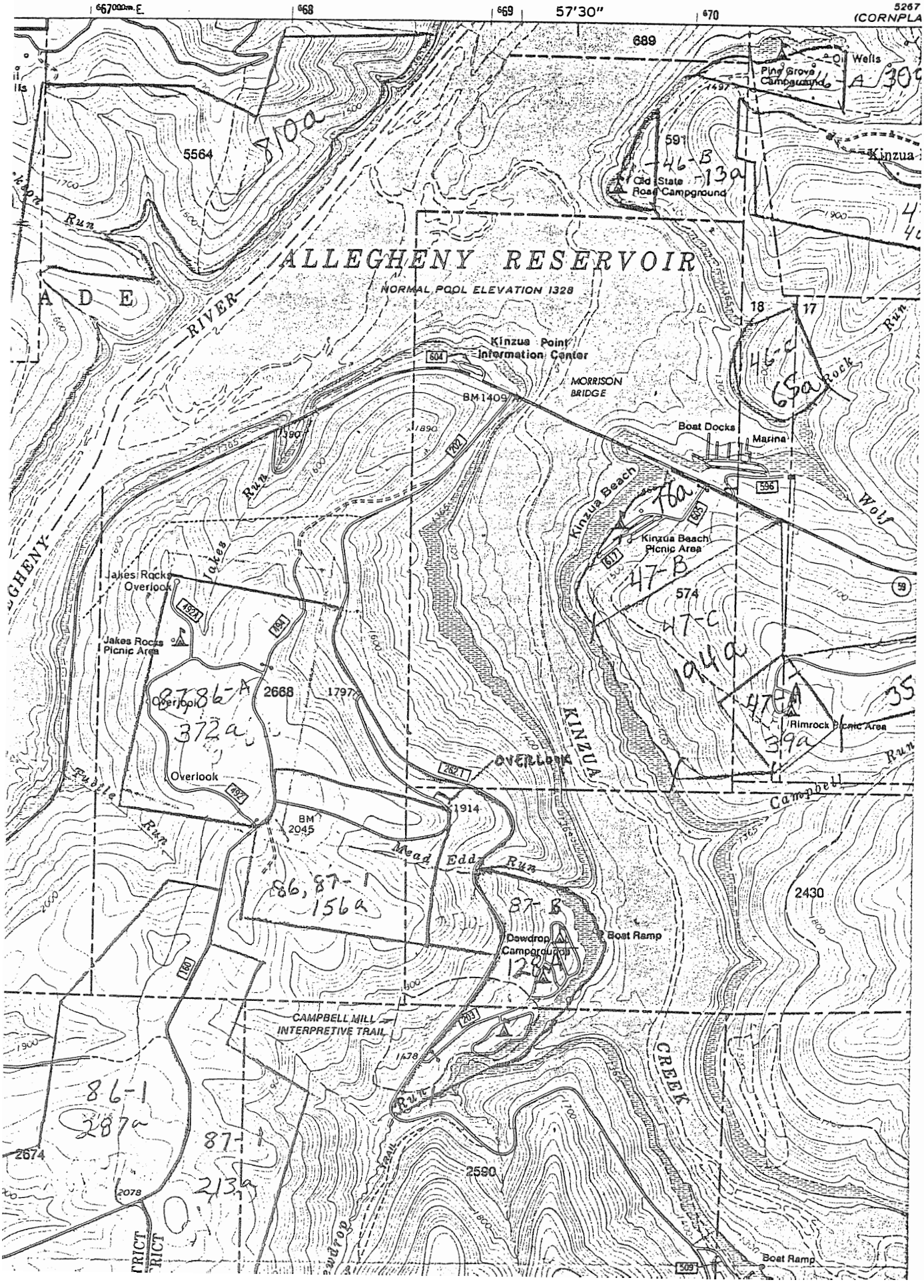
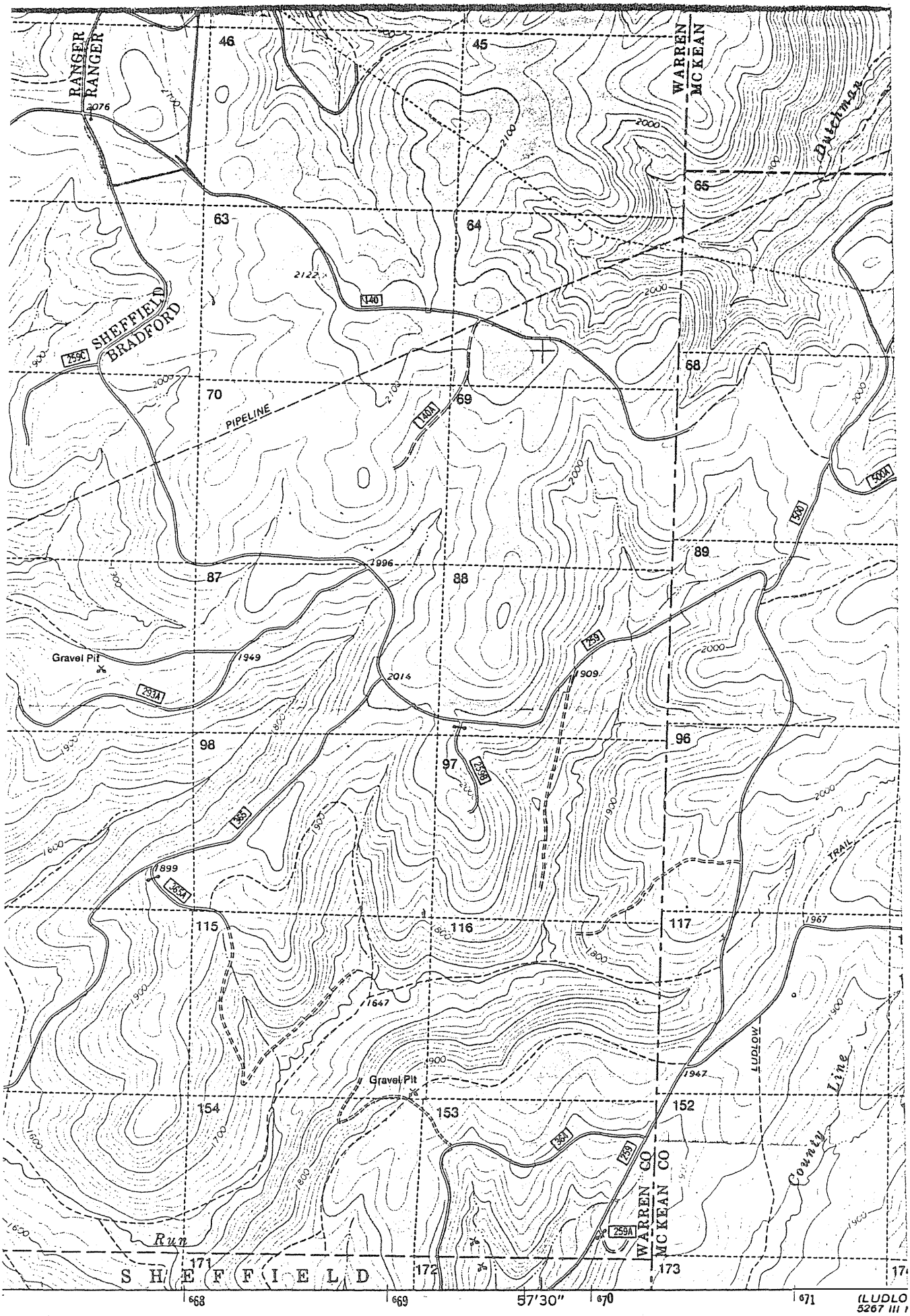
OLOGICAL SURVEY
R USDA FOREST SERVICE USE

NW-8



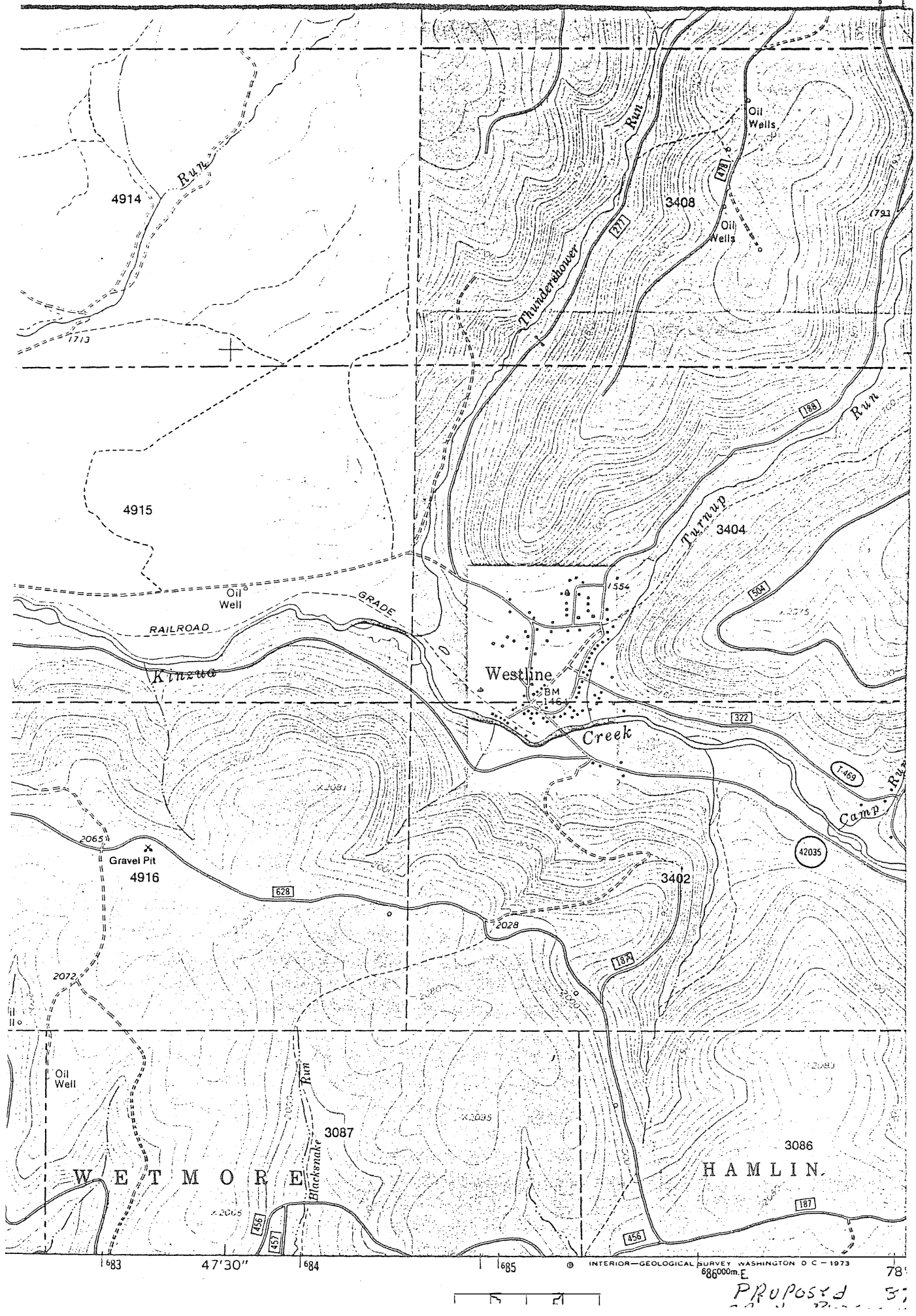
SW-8



the U.S. Geological Survey

SCALE 1:24

SH-9.


4914
Run
Oil Wells
3408
Thunderhower
Run
Oil Wells
4915
Oil Well
RAILROAD
GRADE
Turnup
Run
3404
Westline
BM 1461
Creek
Camp
Run
Gravel Pit
4916
3402
2028
2072
Oil Well
Blacksnake
Run
3087
3086
W E T M O R E
H A M L I N
47'30"
683
684
685
INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1973
686000m.E
78
PROPOSED

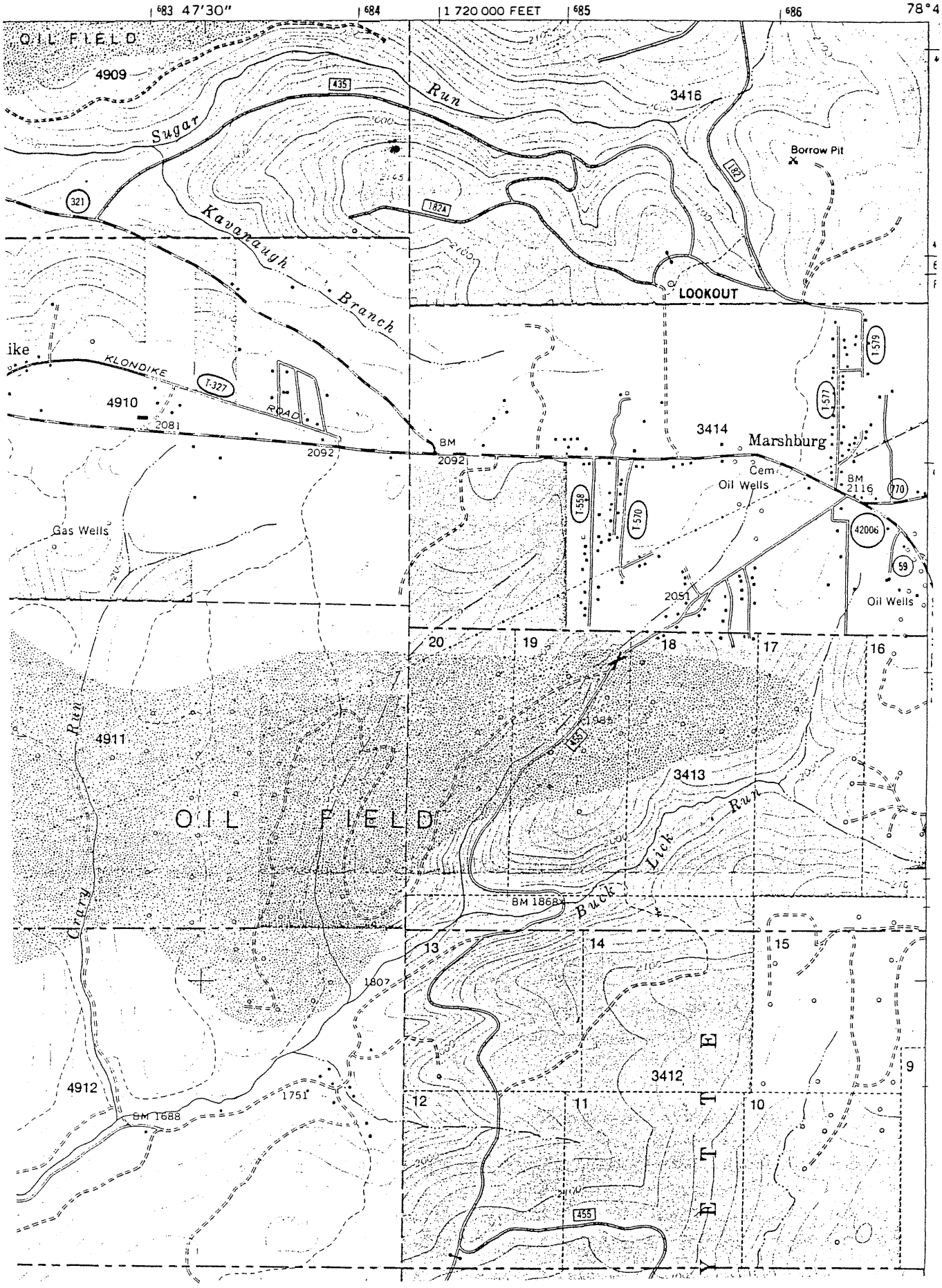
NE-9

WESTLINE QUADRANGLE

PENNSYLVANIA—MC KEAN CO.

7.5 MINUTE SERIES (TOPOGRAPHIC)

SE/4 KINZUA 15' QUADRANGLE



NW-9

UNITED STATES
'MENT OF THE INTERIOR
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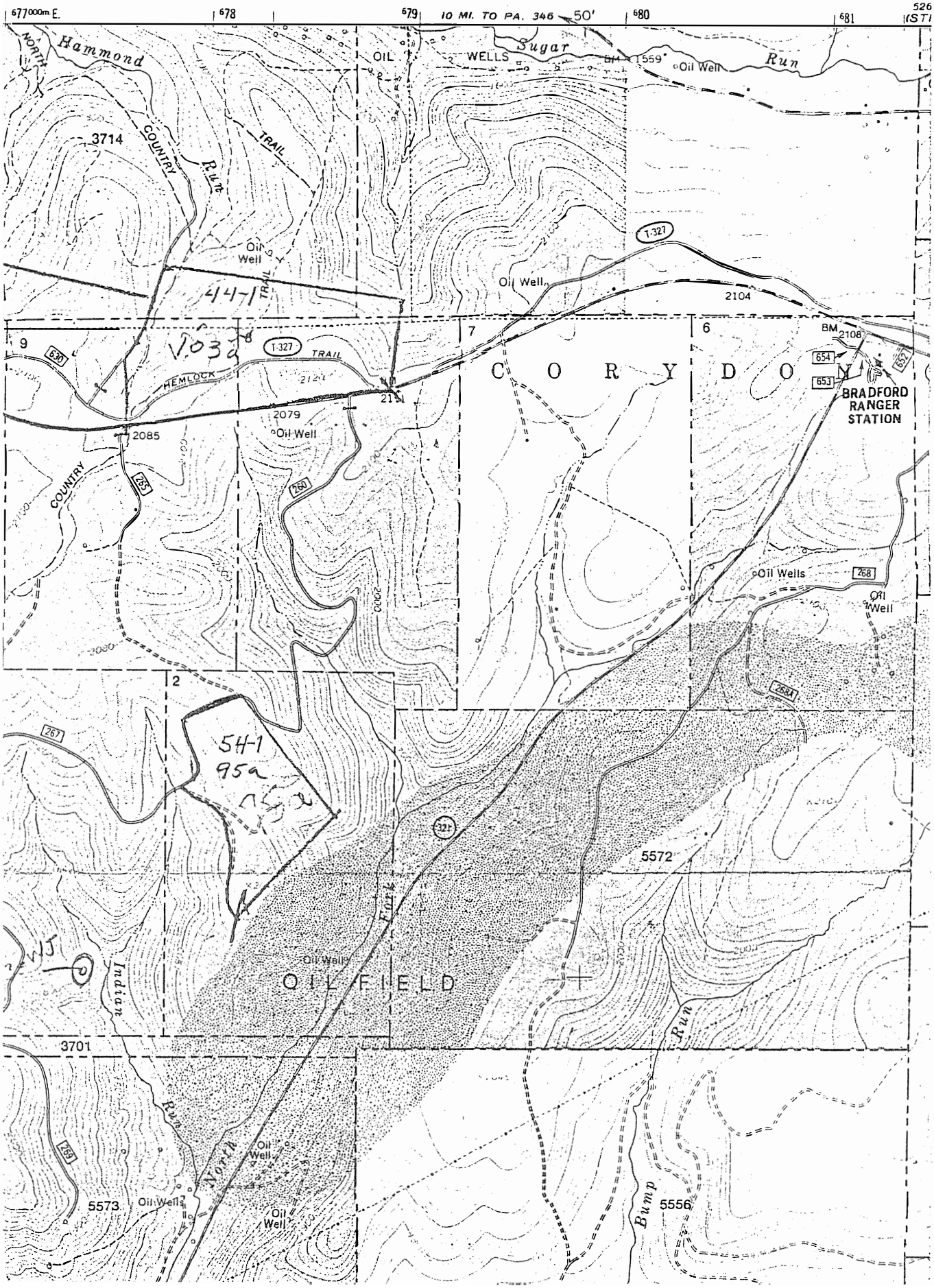
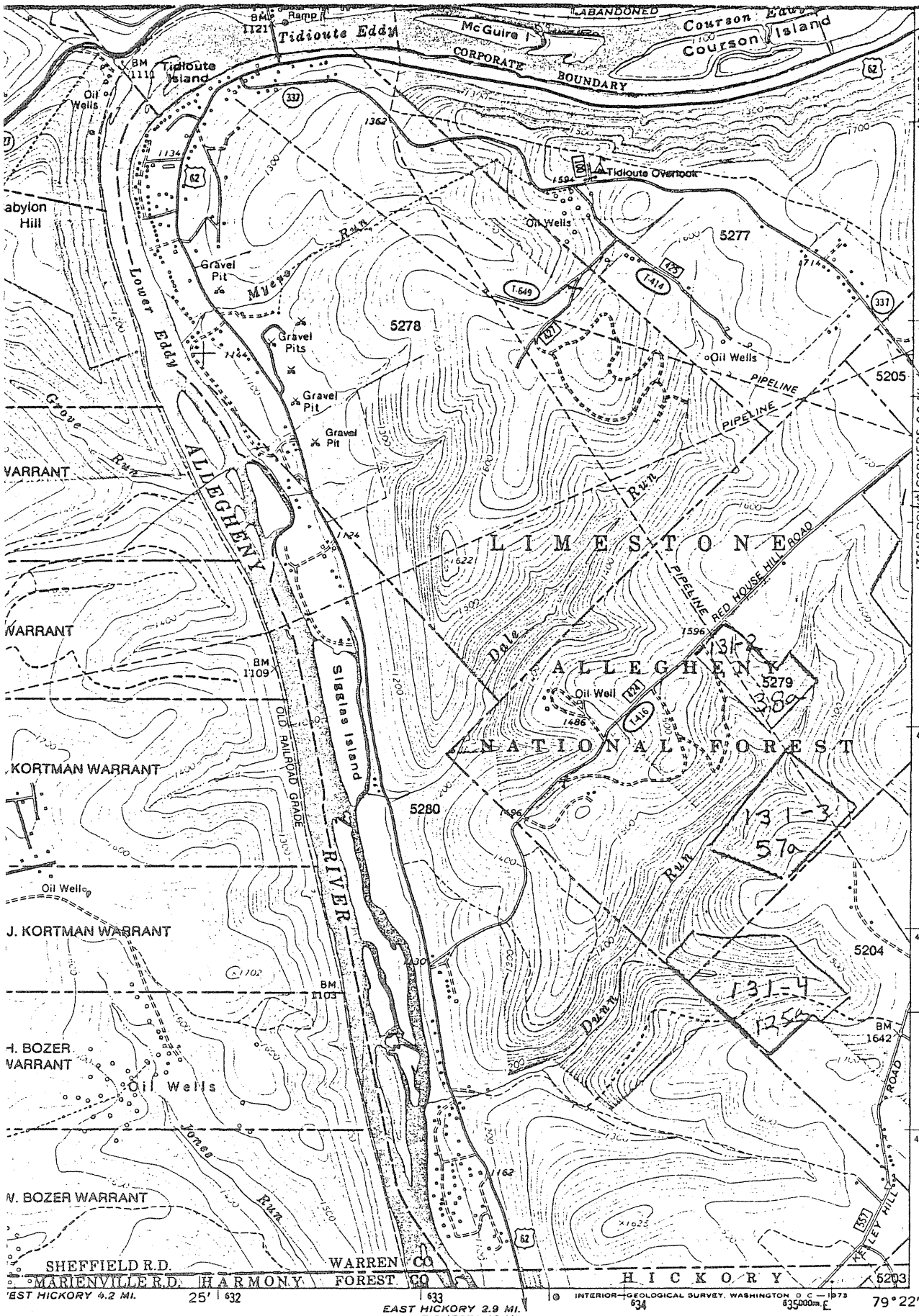
R USDA FOREST SERVICE USE



SE-11



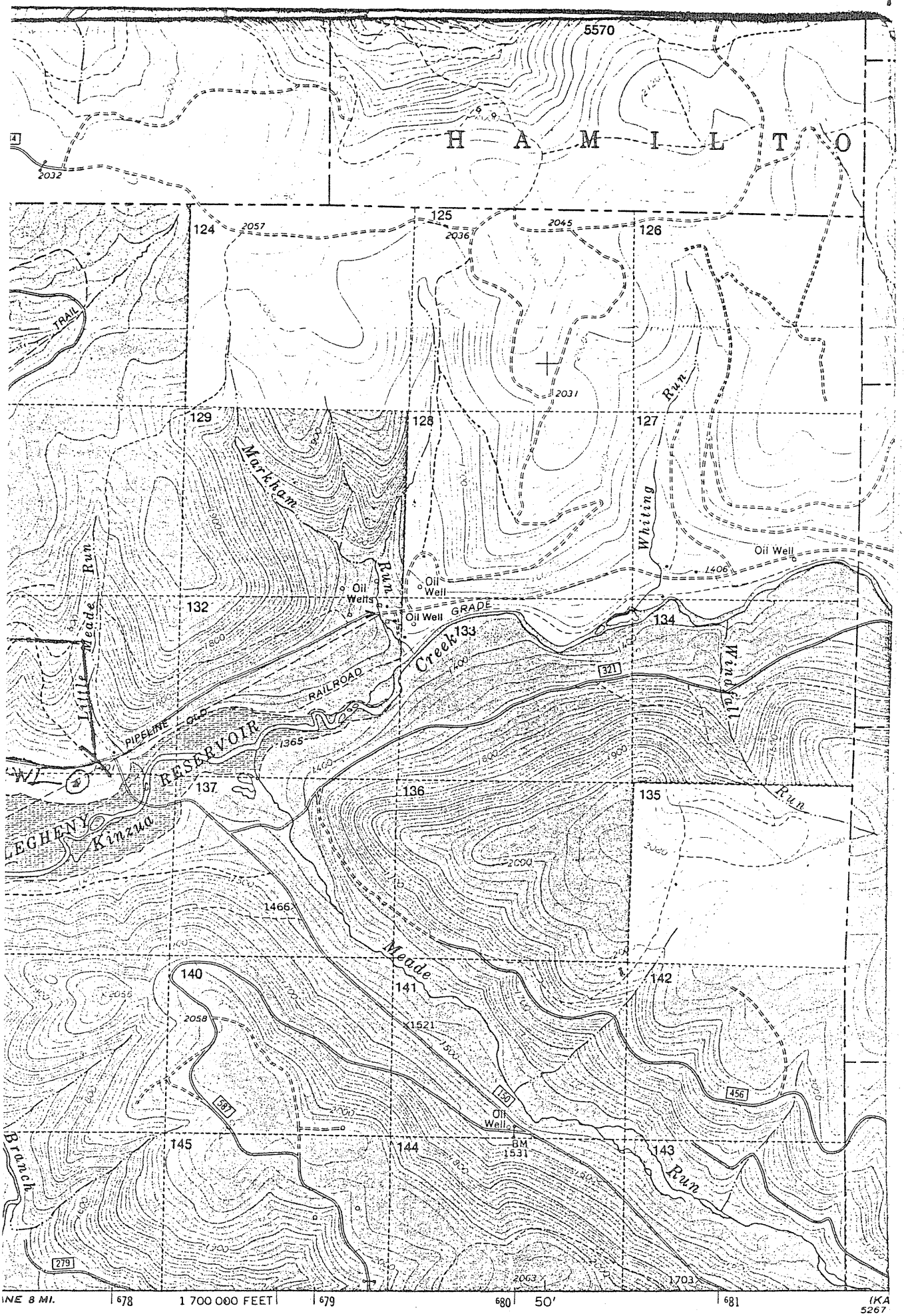
PROPOSED 1987 GYPSY MOTH PROJECT

(KELLETTVILLE 5707 III SE)

131-3

SPRAY BLOCK I.D. AND ACREAGE

SW-9

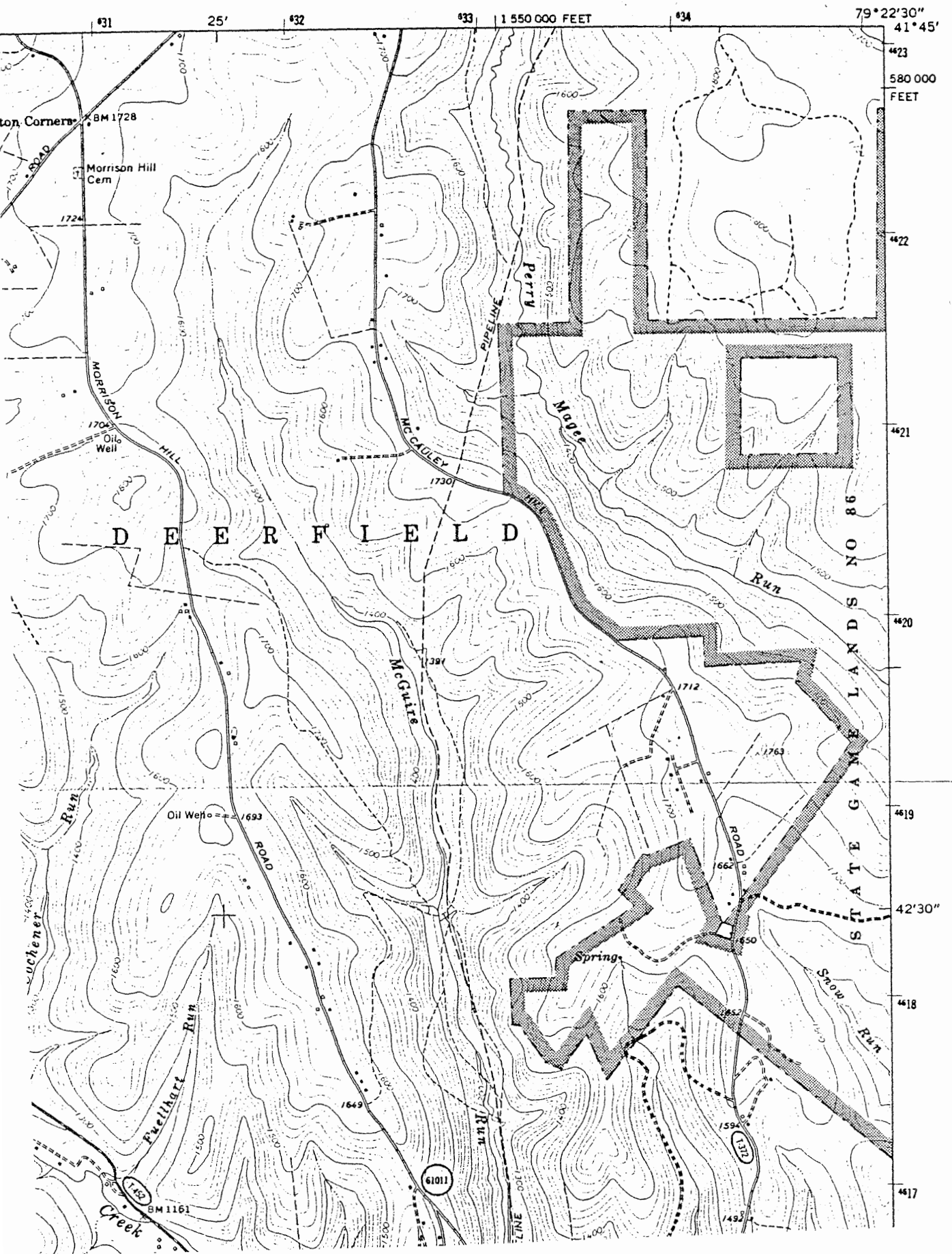


5570
H A M I L T O
2032
124
2057
125
2036
2045
126
TRAIL
2031
Run
129
128
127
Markham
Run
Whiting
Oil Well
1406
Oil Wells
Oil Well
Oil Well
GRADE
132
133
134
Little Meade Run
Creek
321
RAILROAD
Windfall
PIPELINE
OLD
RESERVOIR
1365
137
136
135
Run
LEGHENY
Kinzua
1466
Meade
140
141
142
2058
1521
150
456
587
Oil Well
BM 1531
145
144
143
Run
Branch
279
2063
1703
NE 8 MI.
678
1 700 000 FEET
679
680
50'
681
IKA
5267

NE-11

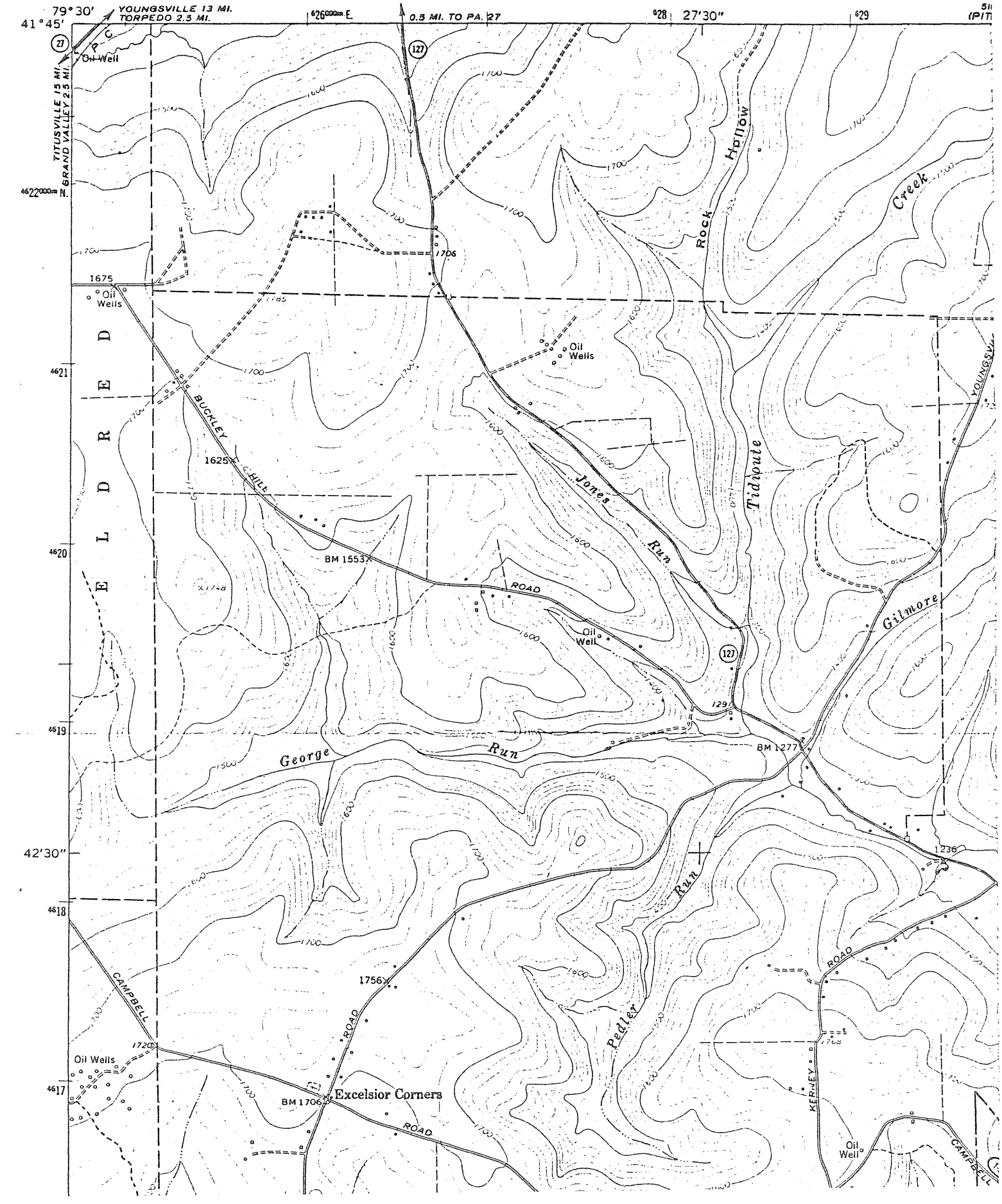
TIDIOUTE QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

5167 IV SE YOUNGSVILLE

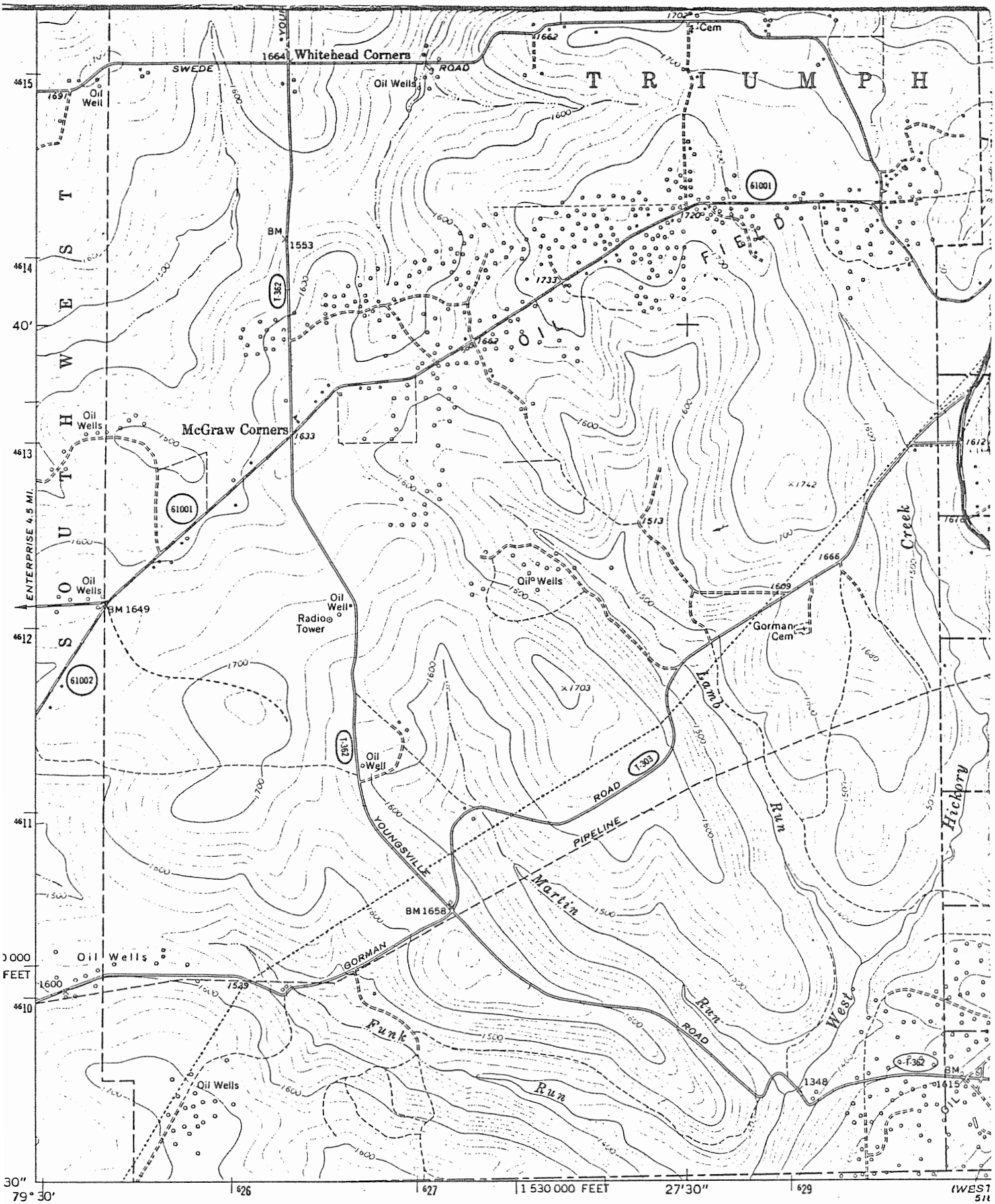


NW-11

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MODIFIED FOR USDA FOREST SERVICE USE



SW-11



Base map prepared by the U.S. Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1964. Field checked 1966

Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system,

MN GN
7½° 133 MILS 1° 02' 18 MILS

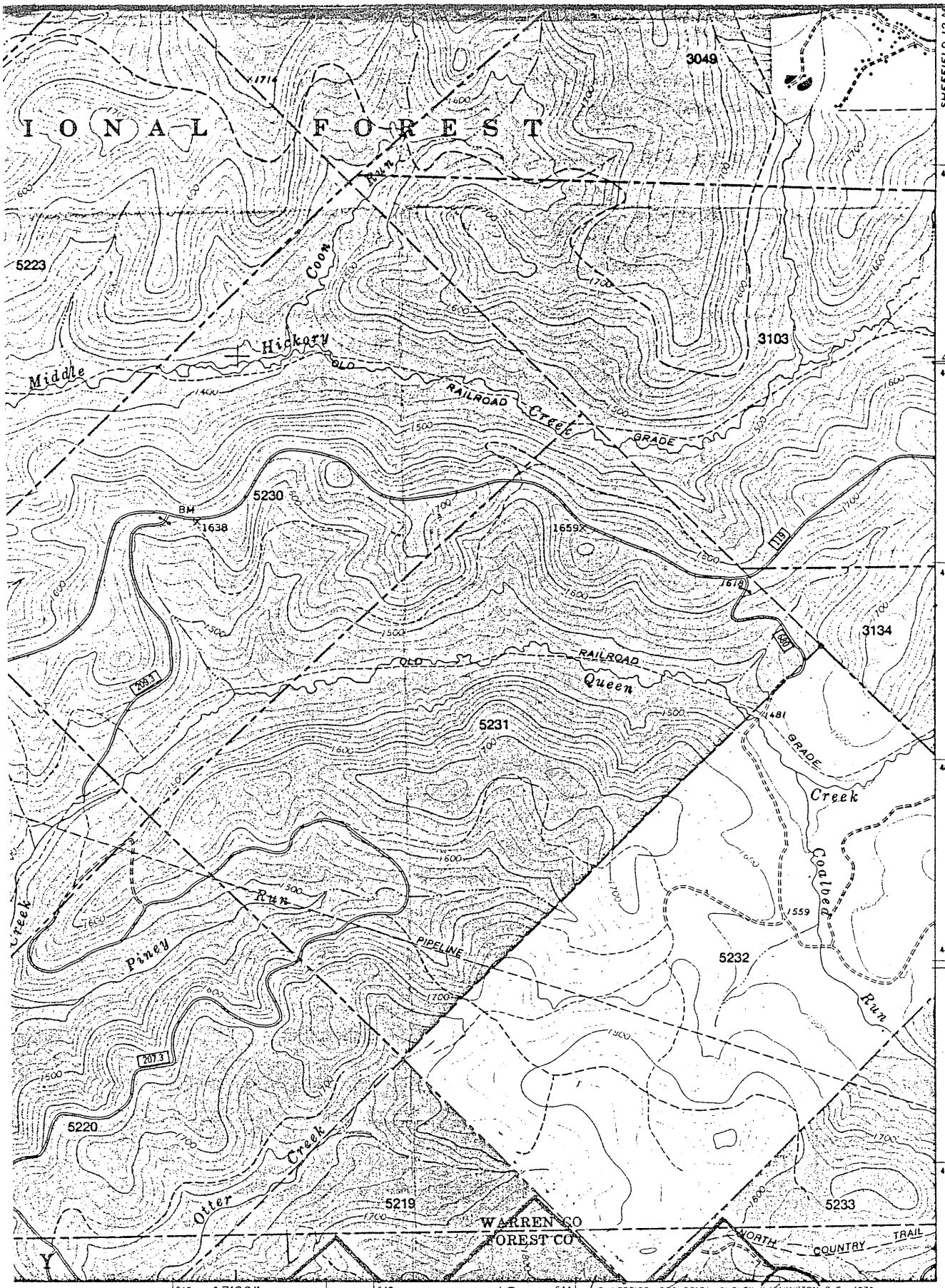
SCAL

1000 0 1000 2000

CONTOUR IN

DATUM IS N

SE-12



137-1
147a

138-2
560 ac

140-1
599a

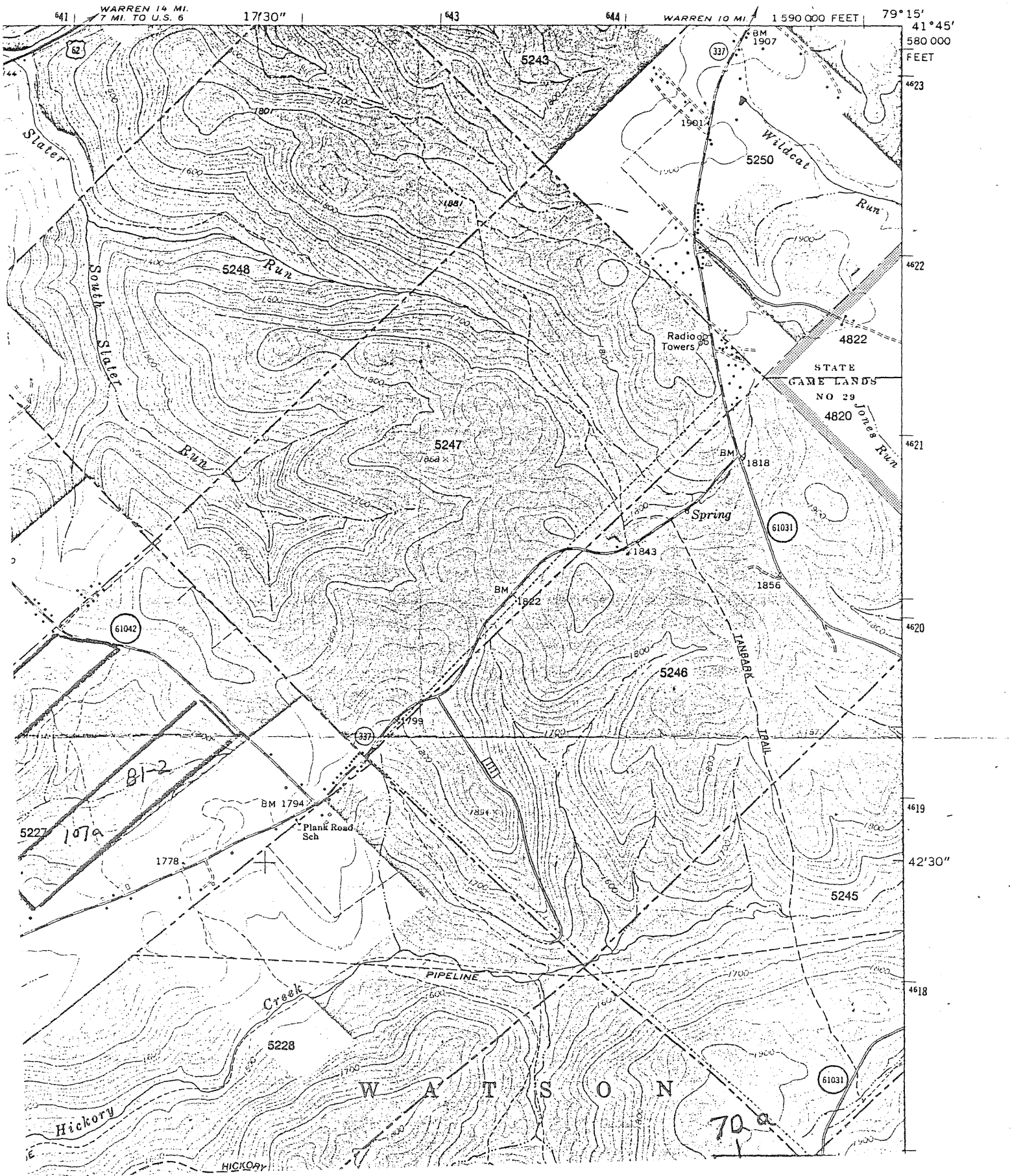
PROPOSED
1987 GYPSY MOTH PROJECT

SPRAY BLOCK I.D

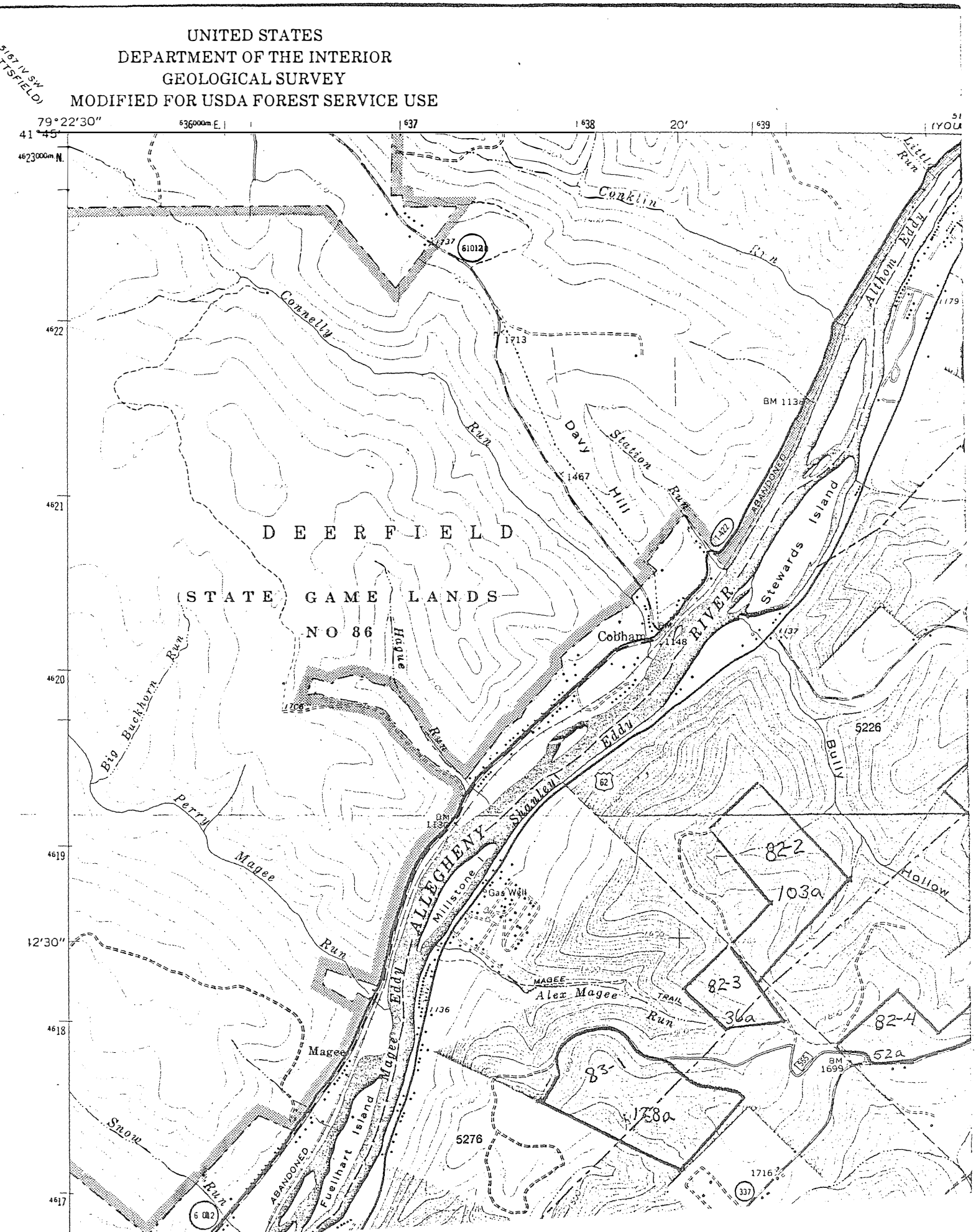
NE-12

COBHAM QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

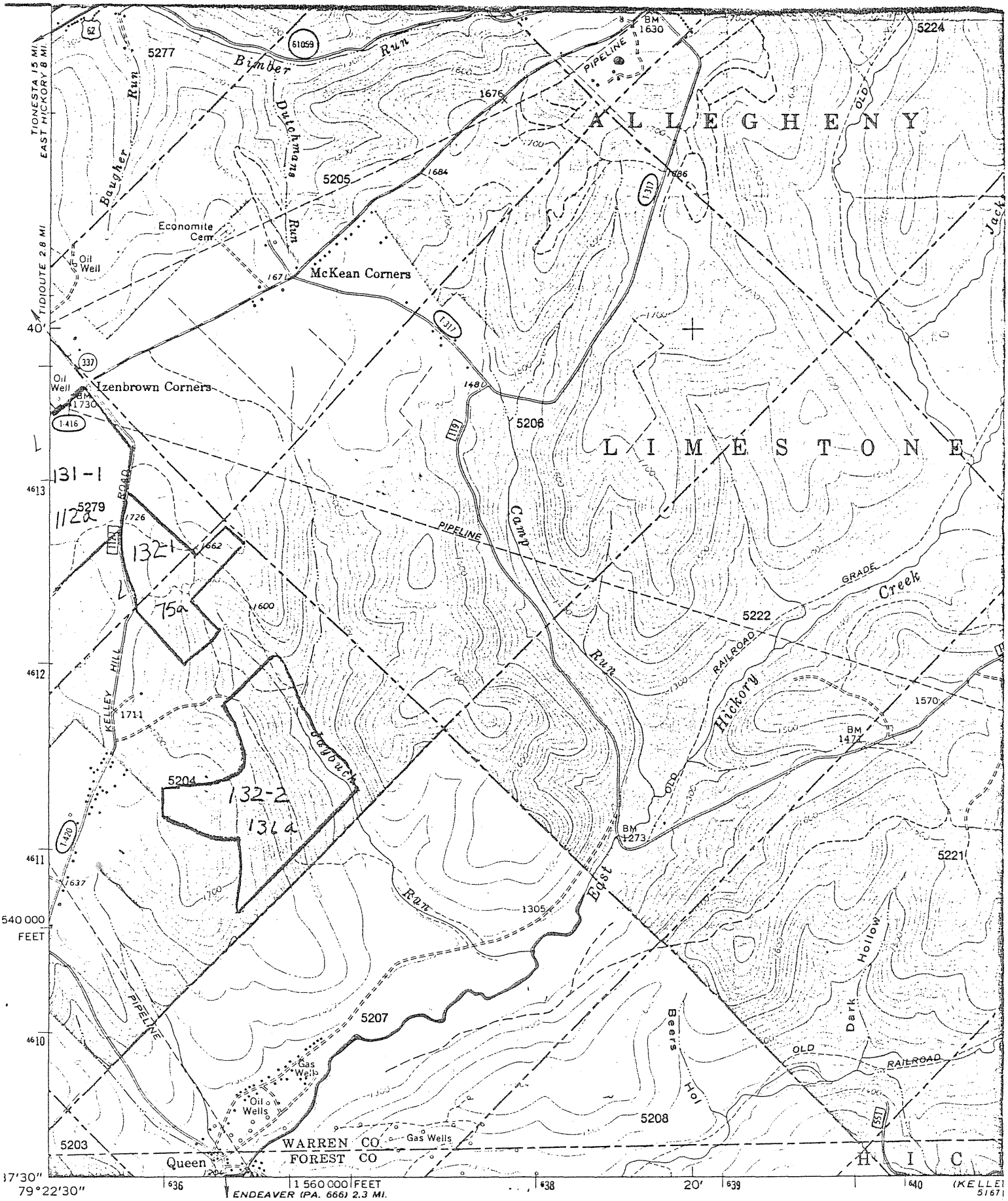
5167 I SW (WARREN)



NW-12


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MODIFIED FOR USDA FOREST SERVICE USE
79°22'30"
41°45'
536000m E.
637
638
20'
639
4623000m N.
4622
4621
4620
4619
12'30"
4618
4617
DEERFIELD
STATE GAME LANDS
NO 86
Conklin
Run
Connelly
Run
Davy
Hill
Station
Run
Little
Run
Althom
Eddy
Stewards Island
RIVER
ALLEGHENY
Cobham
Eddy
Shanlen
Bully
Hollow
Big Buckhorn Run
Perry
Magee
Run
Millstone
Gas Well
Alex Magee
TRAIL
Run
Magee
Eddy
Fuellhart Island
ABANDONED
Snow
Run
ABANDONED
82-2
103a
82-3
36a
82-4
52a
83
178a
5276
5226
BM 1699
BM 1134
1713
1467
1148
1716
1737
1708
1136
1422
62
337
6 0112

SW-12



Base map prepared by the U.S. Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1964. Field checked 1966

Polyconic Projection. 1927 North American Datum

10,000-foot grid based on Pennsylvania coordinate system, north zone

MN GN

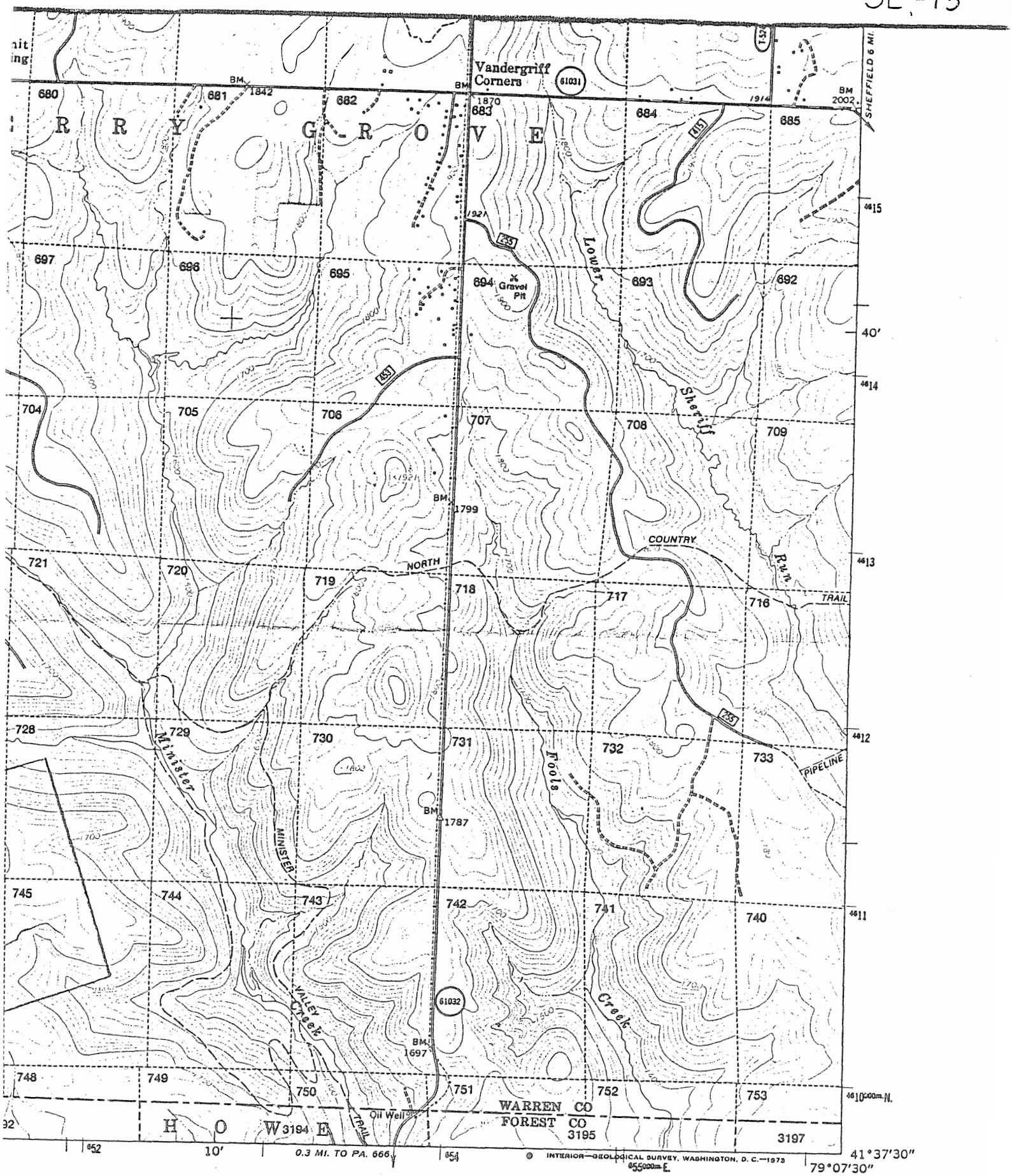
8° 142 MILS 1° 07' 20 MILS

SCALE

CONTOUR INT

DATUM IS ME

SE-13



PROPOSED
1987 GYPSY MOTH PROJECT

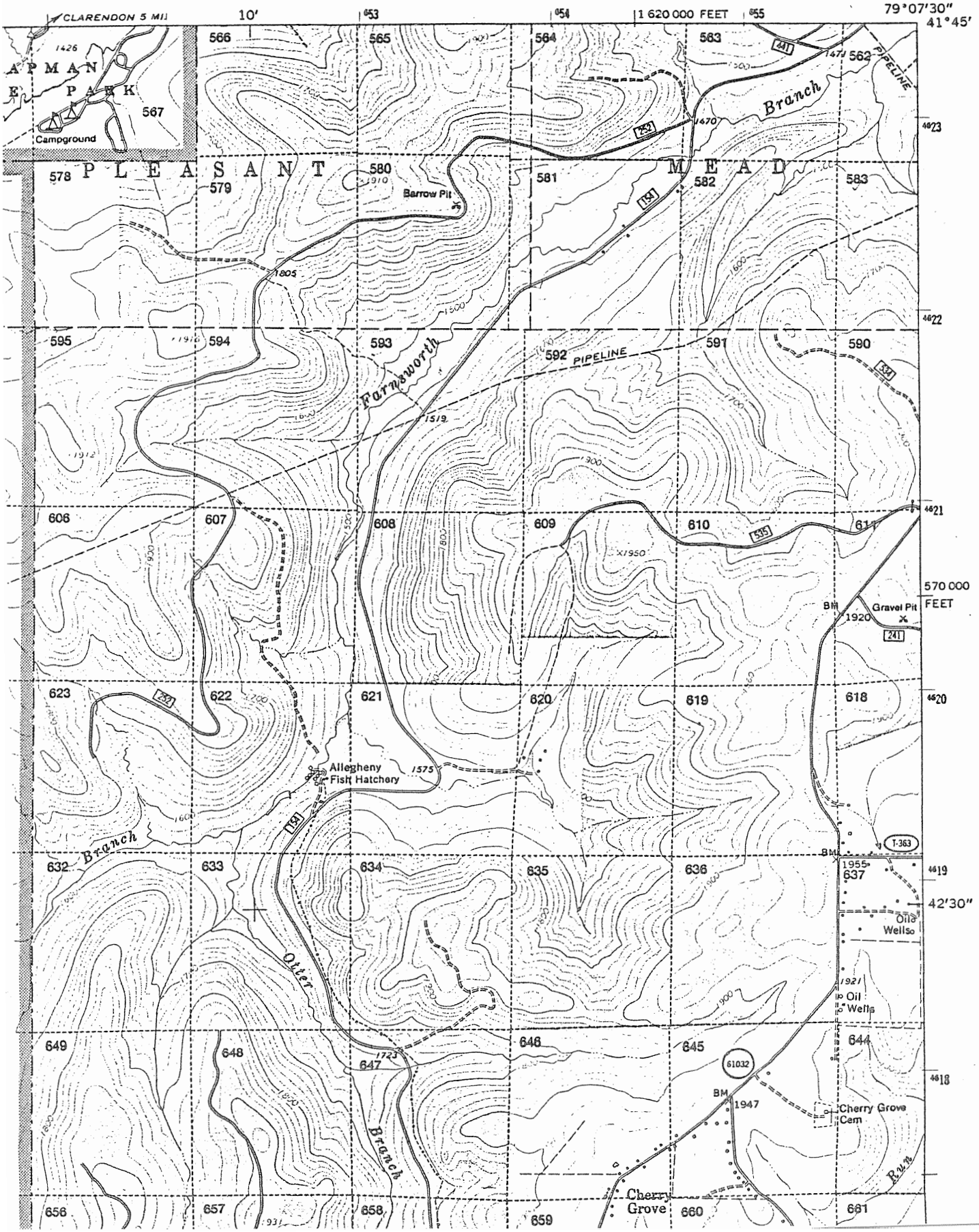
121-1 SPRAY BLOCK I.D.

(LYNCH) 5167 II SE

NE-13

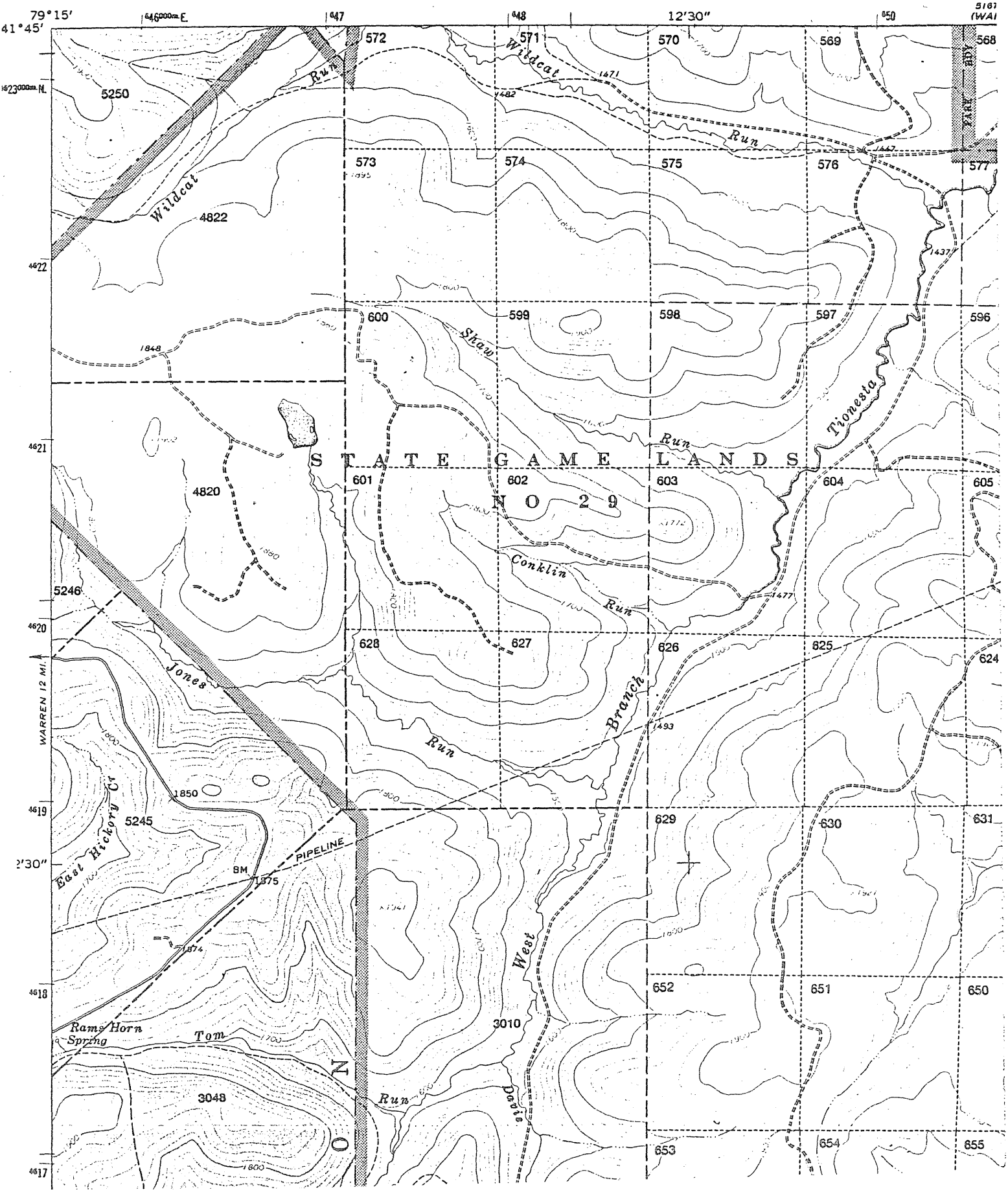
CHERRY GROVE QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

8107 I SE (CLARENDON)

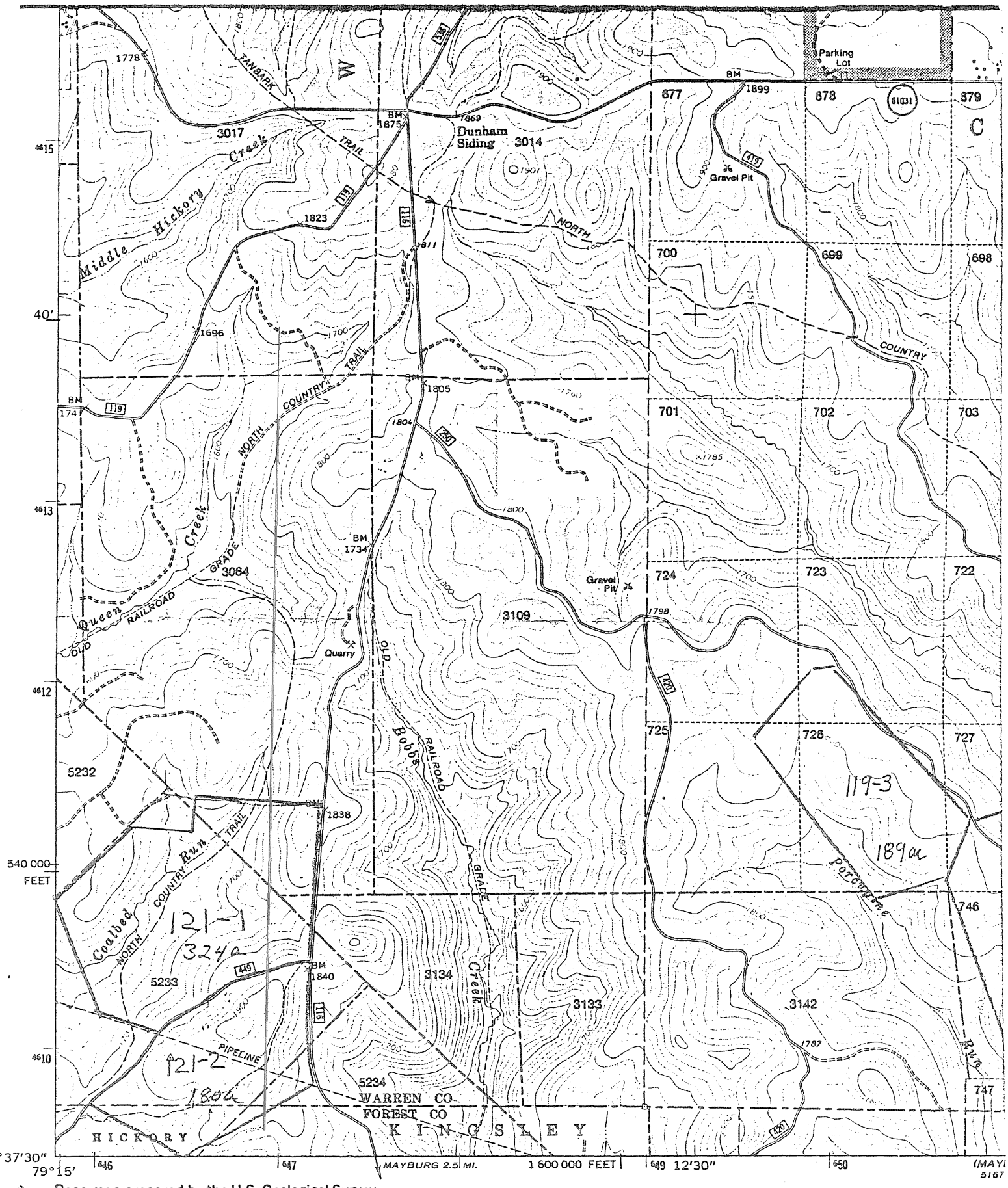


NW-13

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MODIFIED FOR USDA FOREST SERVICE USE



SW-13



Base map prepared by the U.S. Geological Survey

Control by USGS and USC&GS

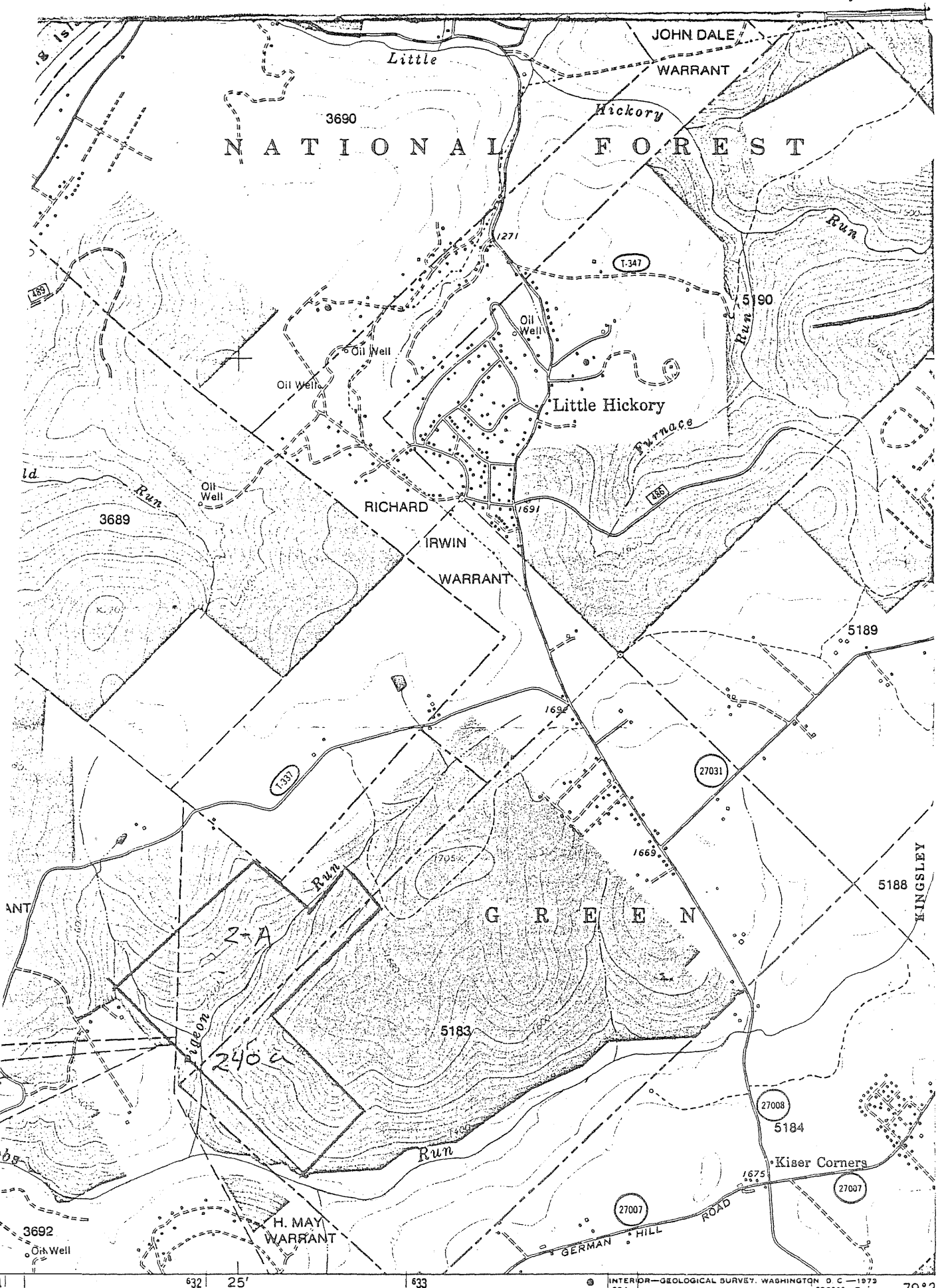
Topography by photogrammetric methods from aerial photographs taken 1966. Field checked 1966

Polyconic projection. 1927 North American datum

SCALE 1

CONTOUR INT

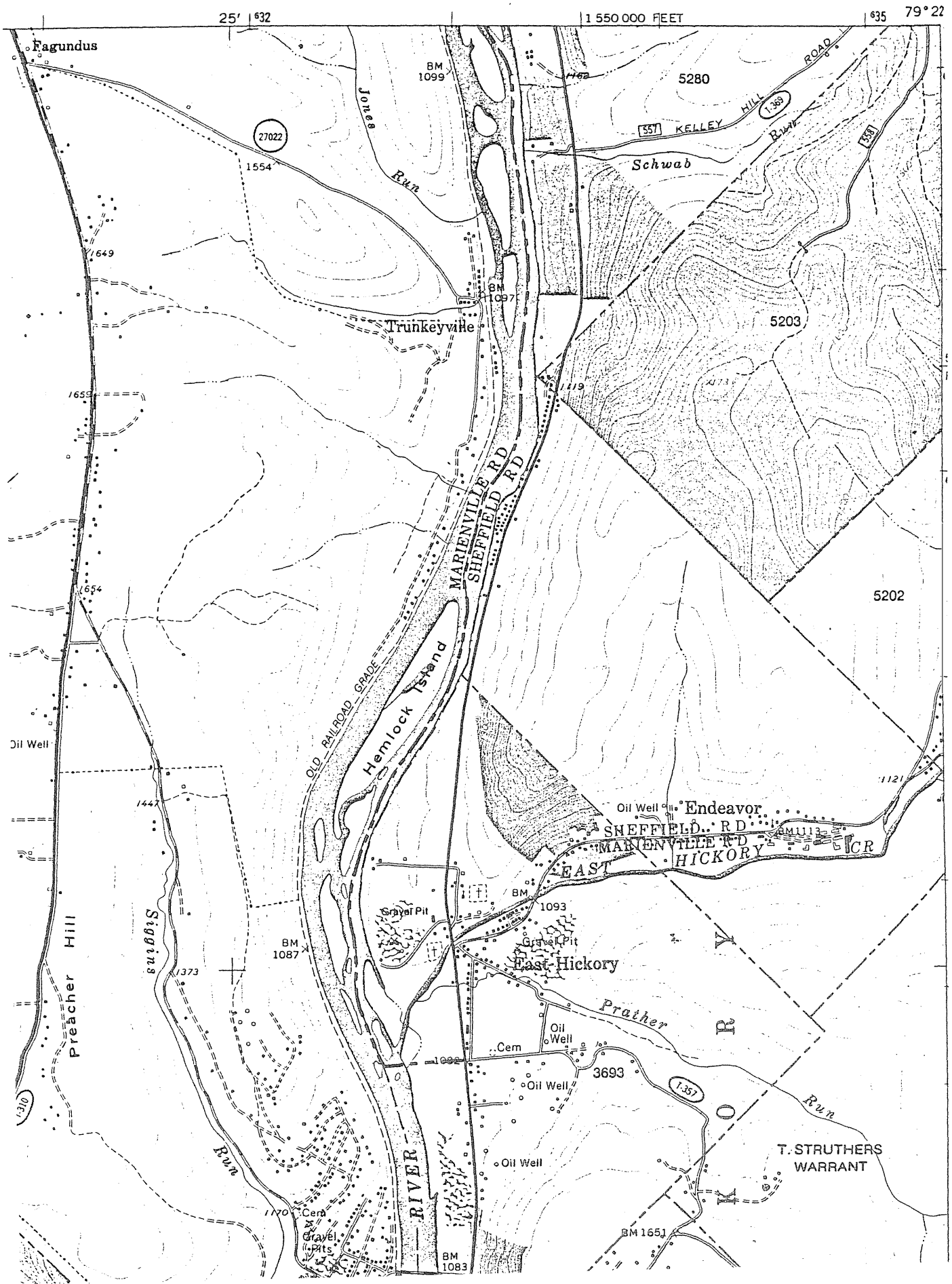
DATUM IS ME



JOHN DALE
WARRANT
Little
Hickory
3690
NATIONAL FOREST
Run
1271
T-347
5190
Oil Well
Oil Well
Oil Well
Little Hickory
Furnace
Run
Oil Well
3689
RICHARD
IRWIN
WARRANT
1691
486
5189
1692
T-337
27031
1669
1705
Run
5188
KINGSLEY
GREEN
2-A
Pigeon
240 a
5183
27008
5184
Run
Kiser Corners
1675
27007
27007
GERMAN HILL ROAD
H. MAY
WARRANT
3692
Oil Well
632
25'
633
634
635000m.E.
79°2
INTERIOR—GEOLOGICAL SURVEY, WASHINGTON D.C.—1973

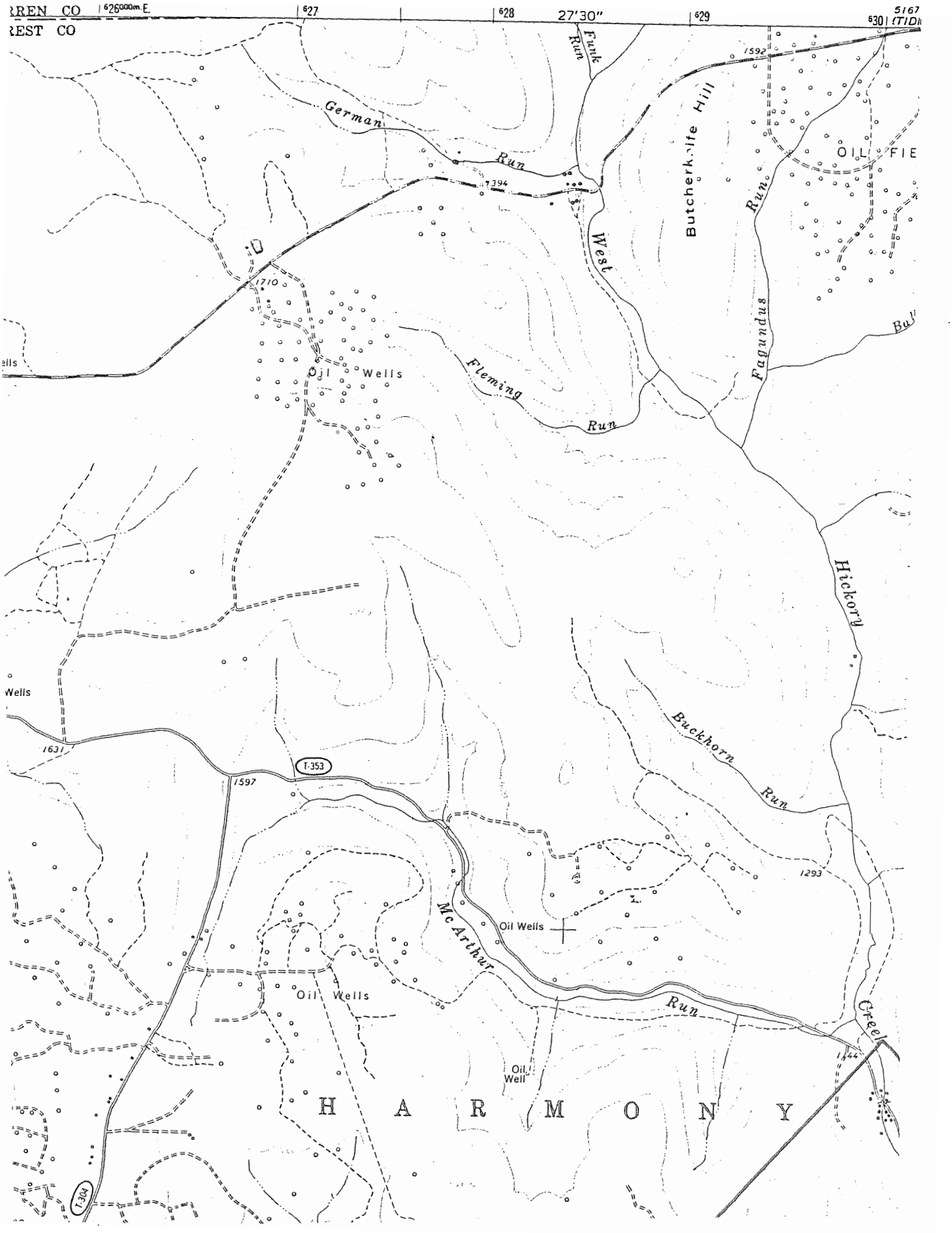
NE-18

WEST HICKORY QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

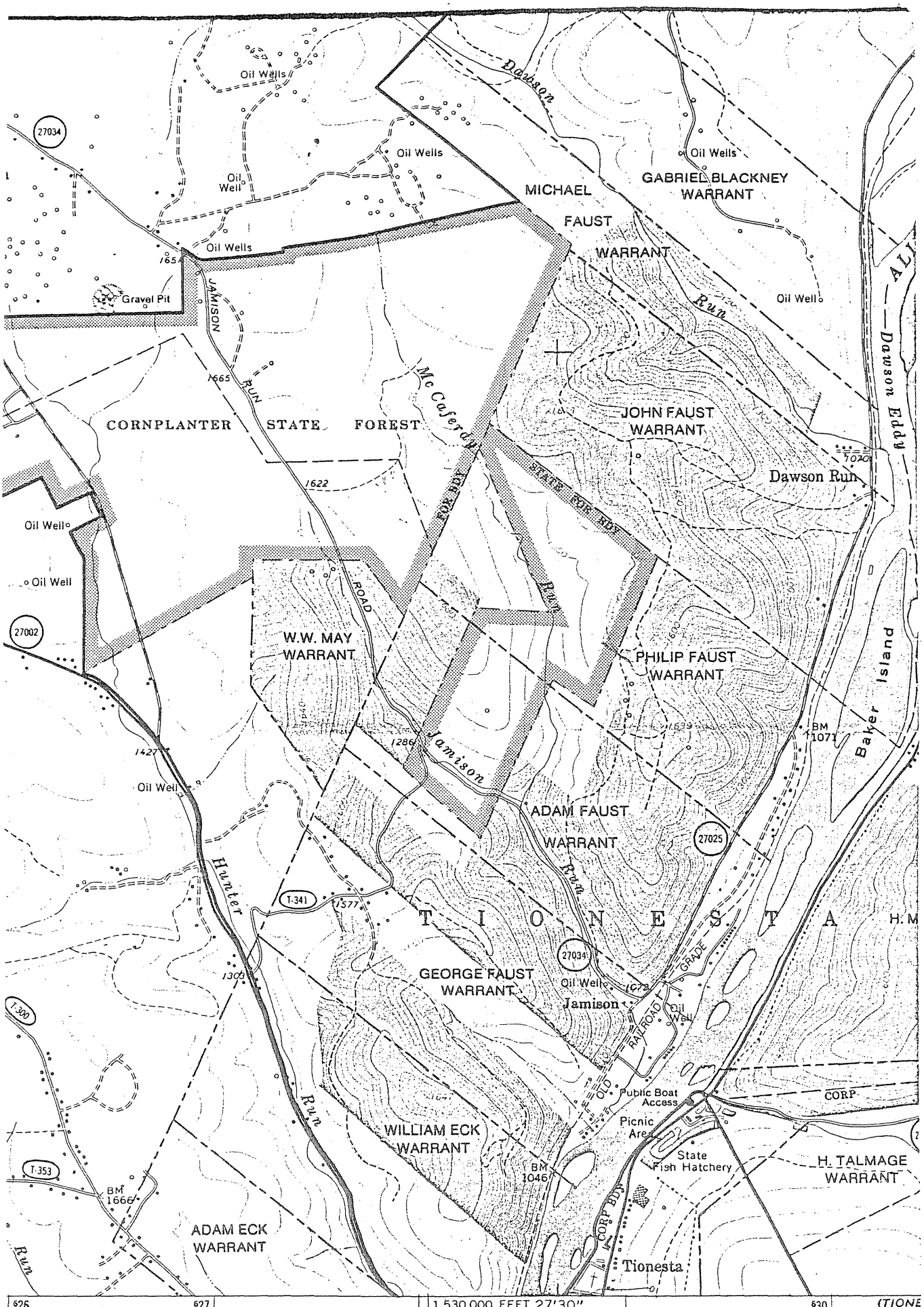


UNITED STATES
.TMENT OF THE INTERIOR
EOLOGICAL SURVEY
OR USDA FOREST SERVICE USE

NW-18



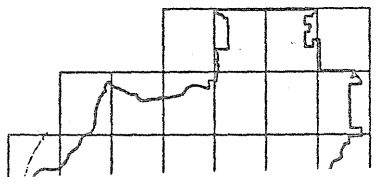
SW-18



the U.S. Geological Survey

SCALE 1:

SE-19



PROPOSED
1987 GYPSY MOTH PROJECT

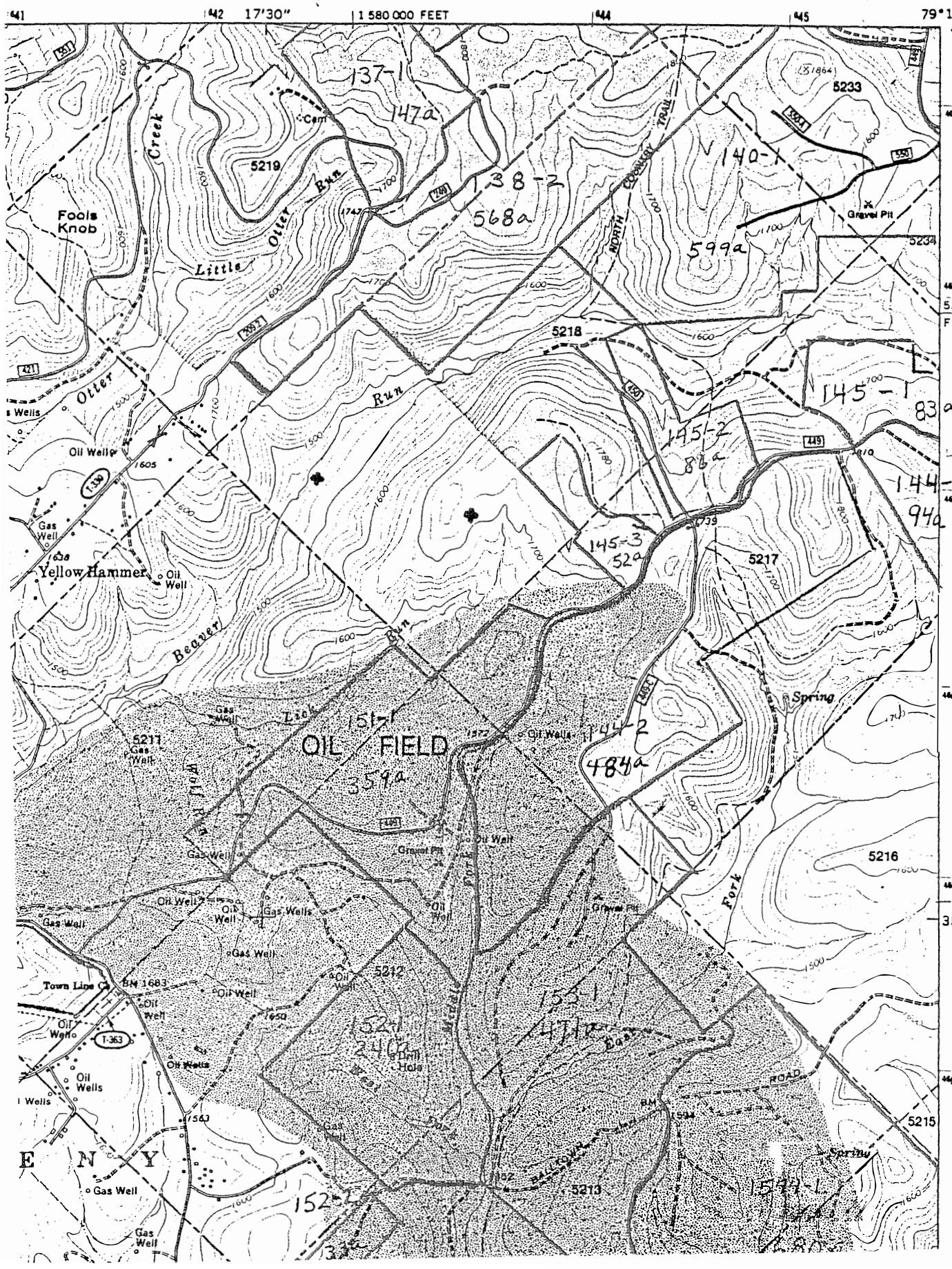
SPRAY BLOCK I.D.

MARIENVILLE WEST
5166 I NW

NE-19

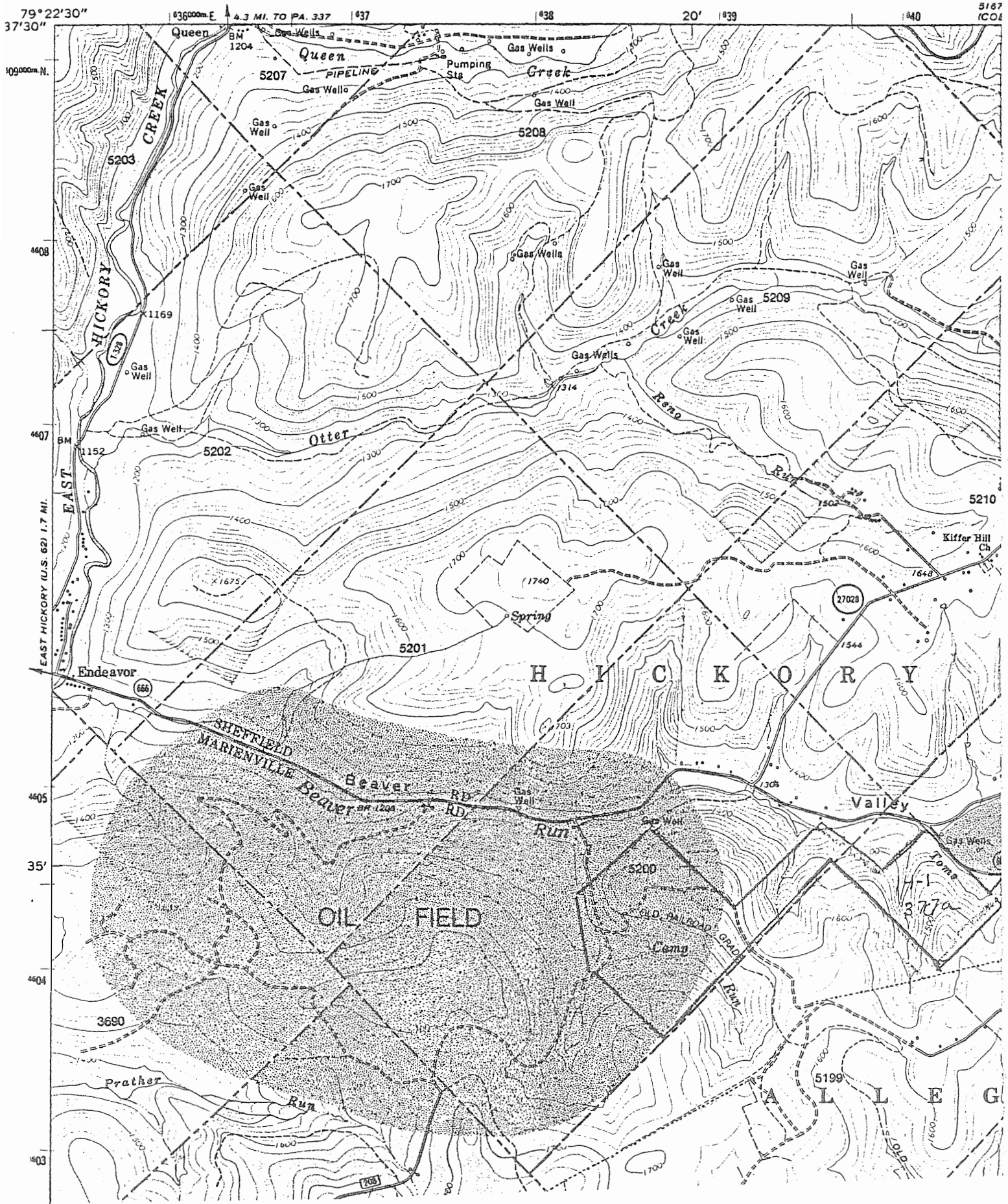
KELLETTVILLE QUADRANGLE
PENNSYLVANIA—FOREST CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

5167 II NW (CHERRY GROVE)

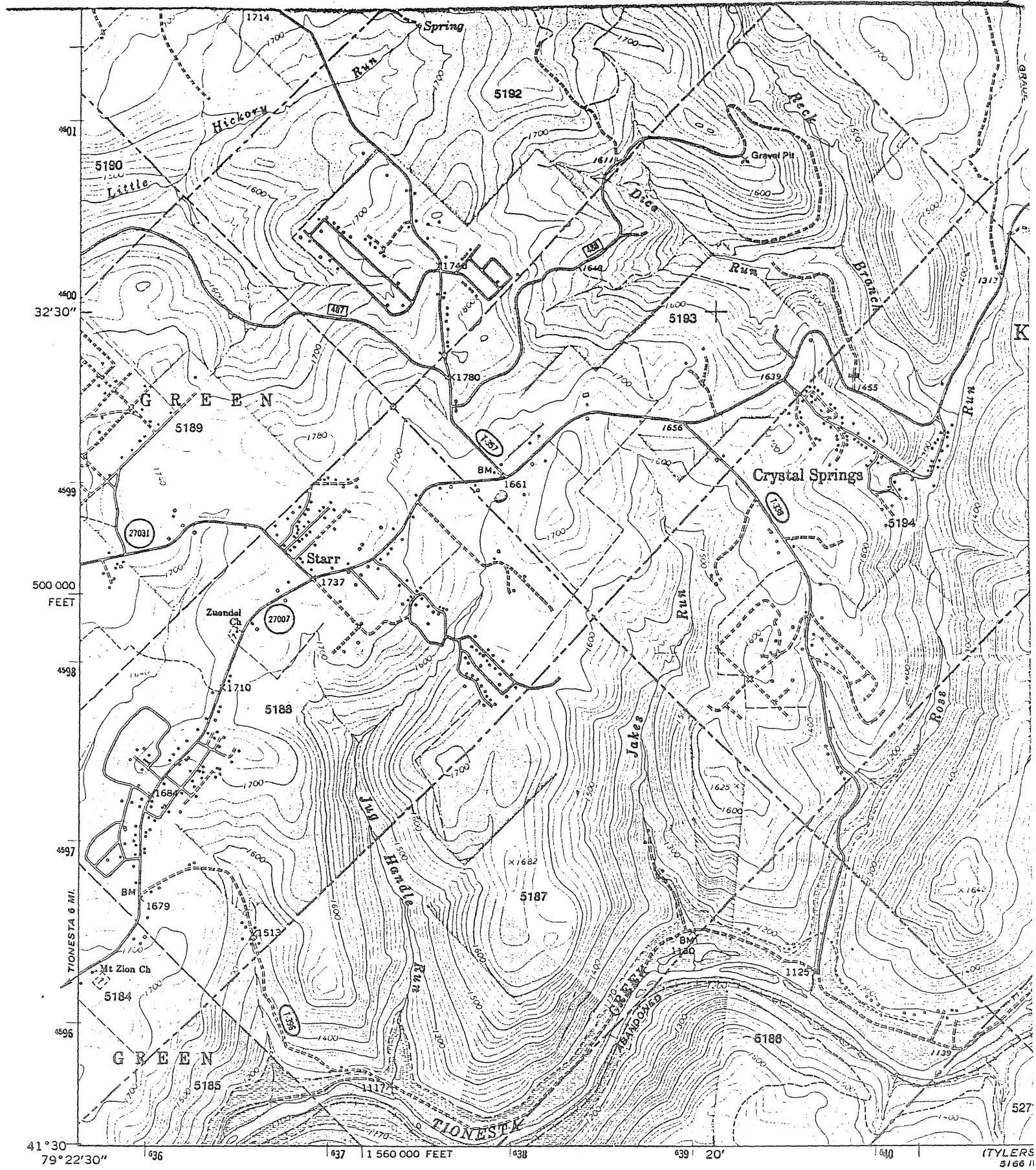


NW-19

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MODIFIED FOR USDA FOREST SERVICE USE



SW-19



Base map prepared by the U.S. Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1964. Field checked 1966

Polyconic Projection. 1927 North American Datum.

10,000-foot grid based on Pennsylvania coordinate system, north zone

1000-meter Universal Transverse Mercator grid ticks, zone 17.

Fine red dashed lines indicate selected fence and field lines where

MN GN

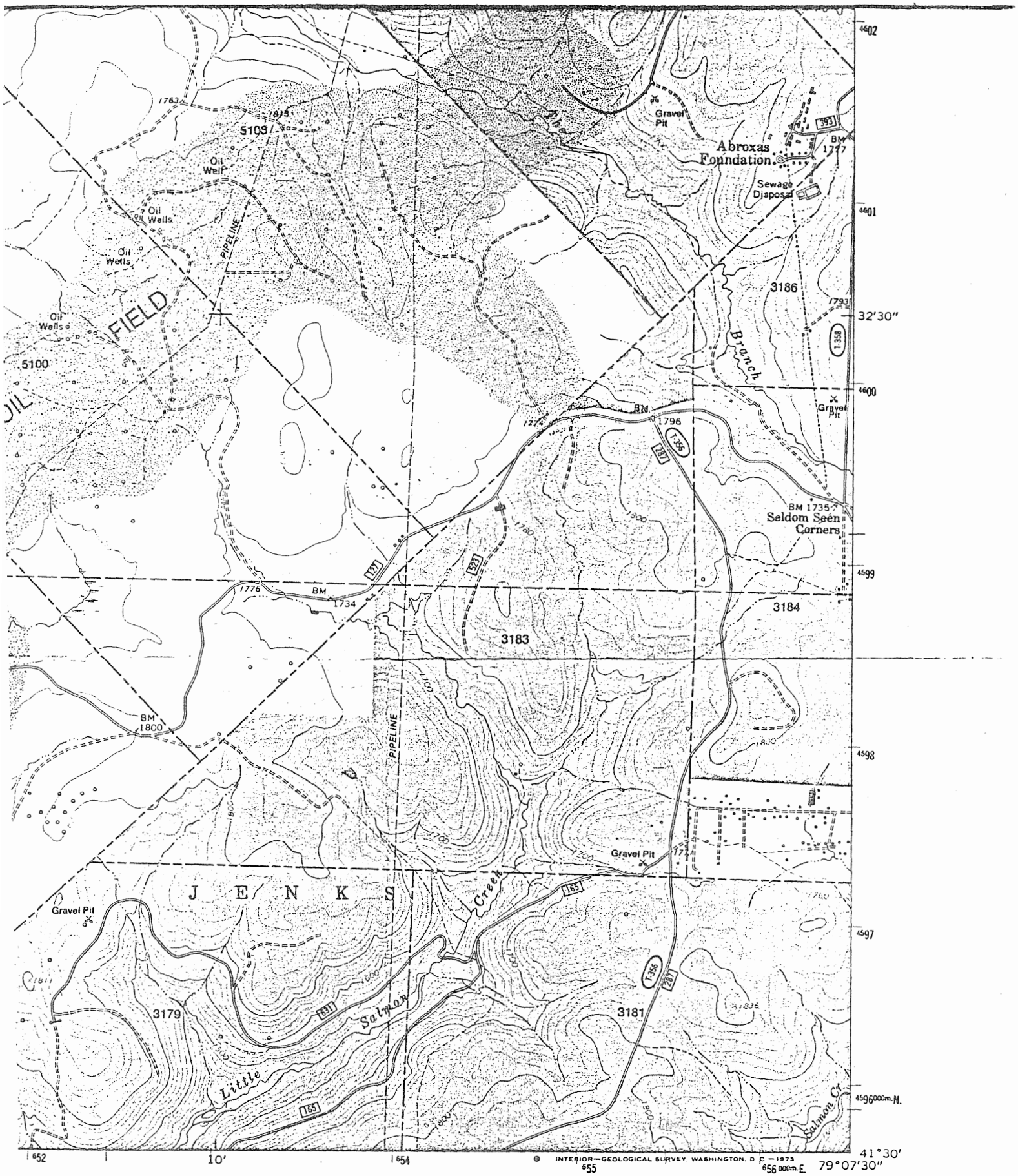
8° 142 MILS 1° 07' 20 MILS

SCALE 1:

CONTOUR INTE

DATUM IS MEA

SE-20

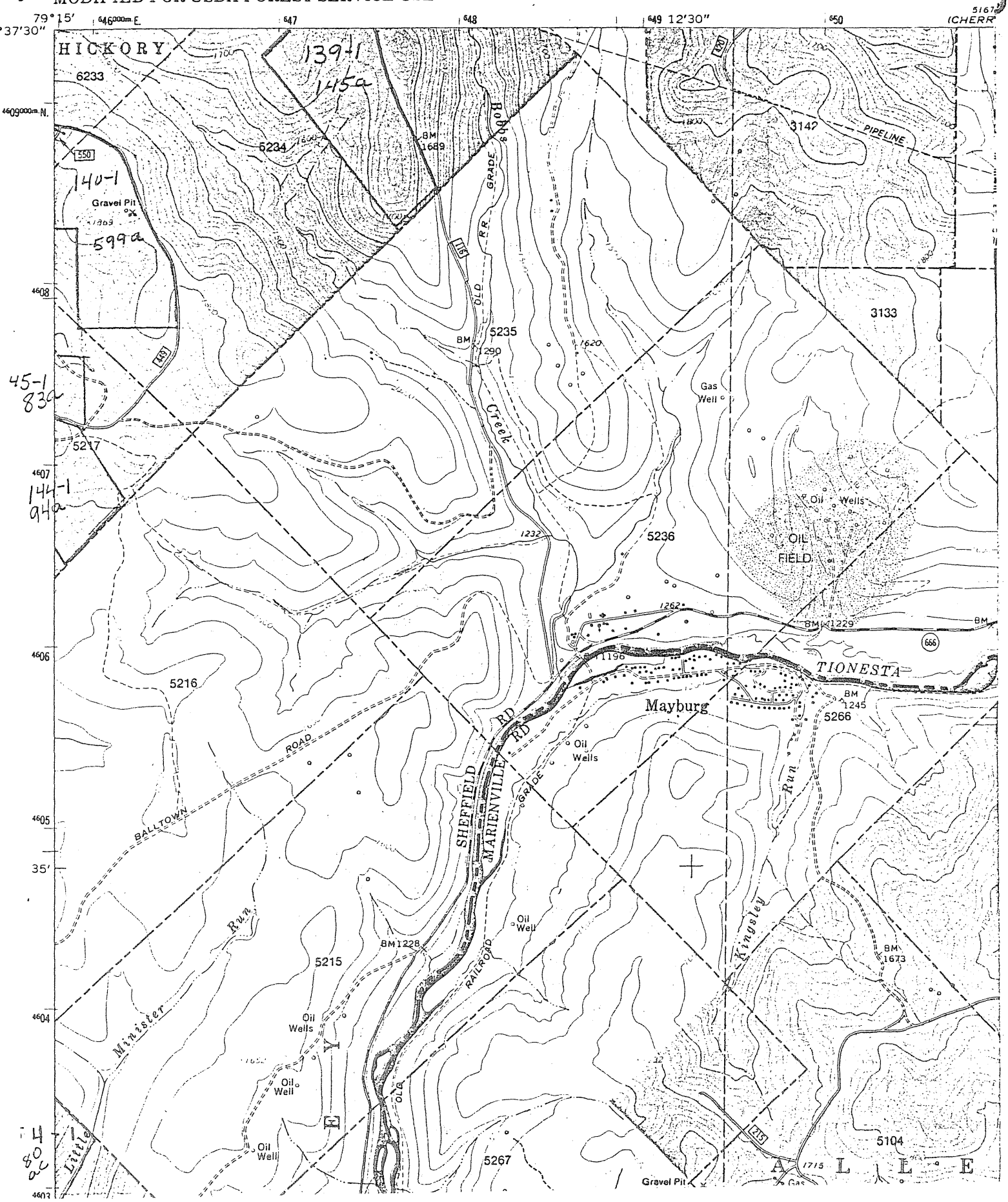


PROPOSED
1987 GYPSY MOTH PROJECT
SPRAY BLOCK I.D.
25-1

(MARIENVILLE EAST) 5166 INE

NW-20

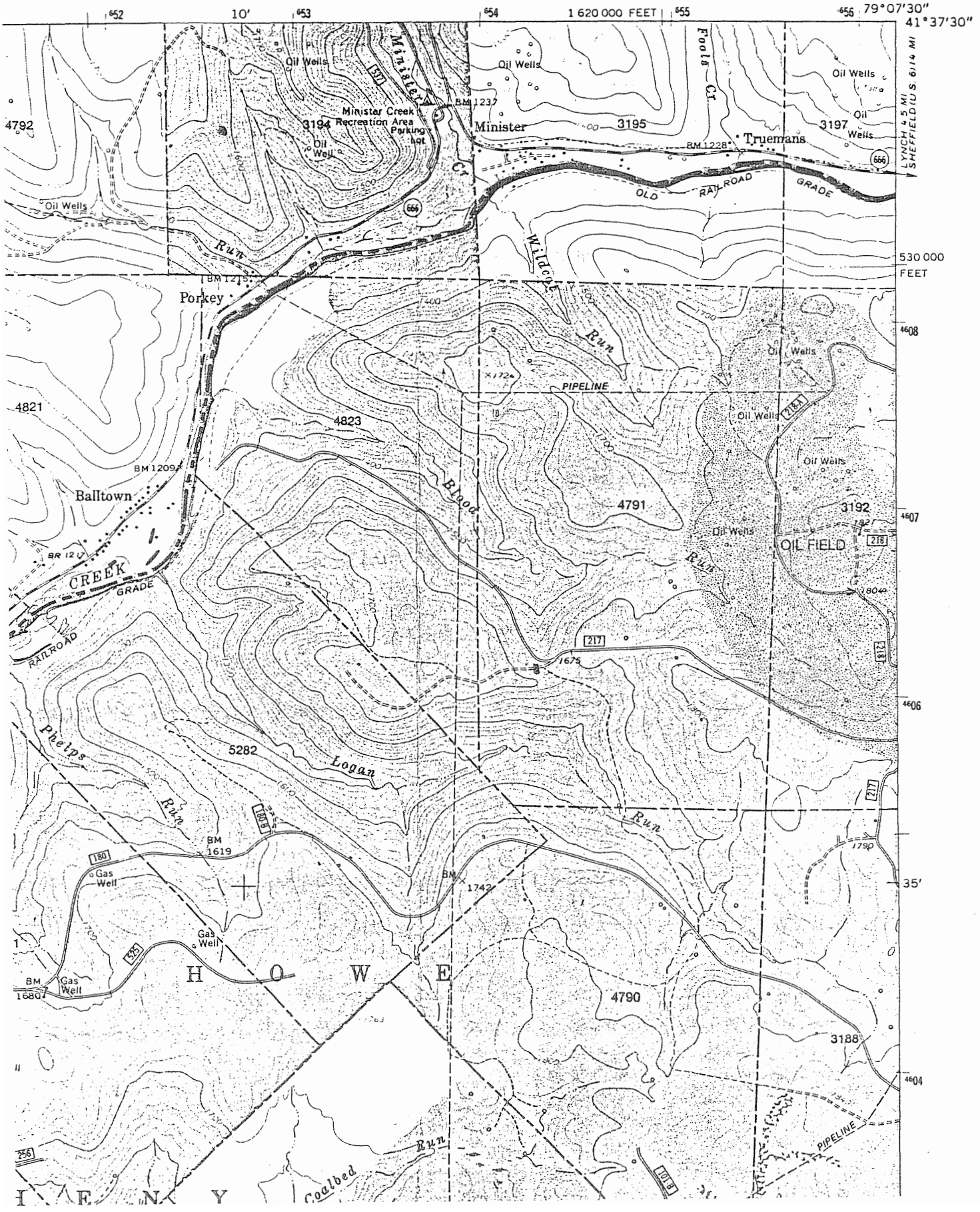
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MODIFIED FOR USDA FOREST SERVICE USE



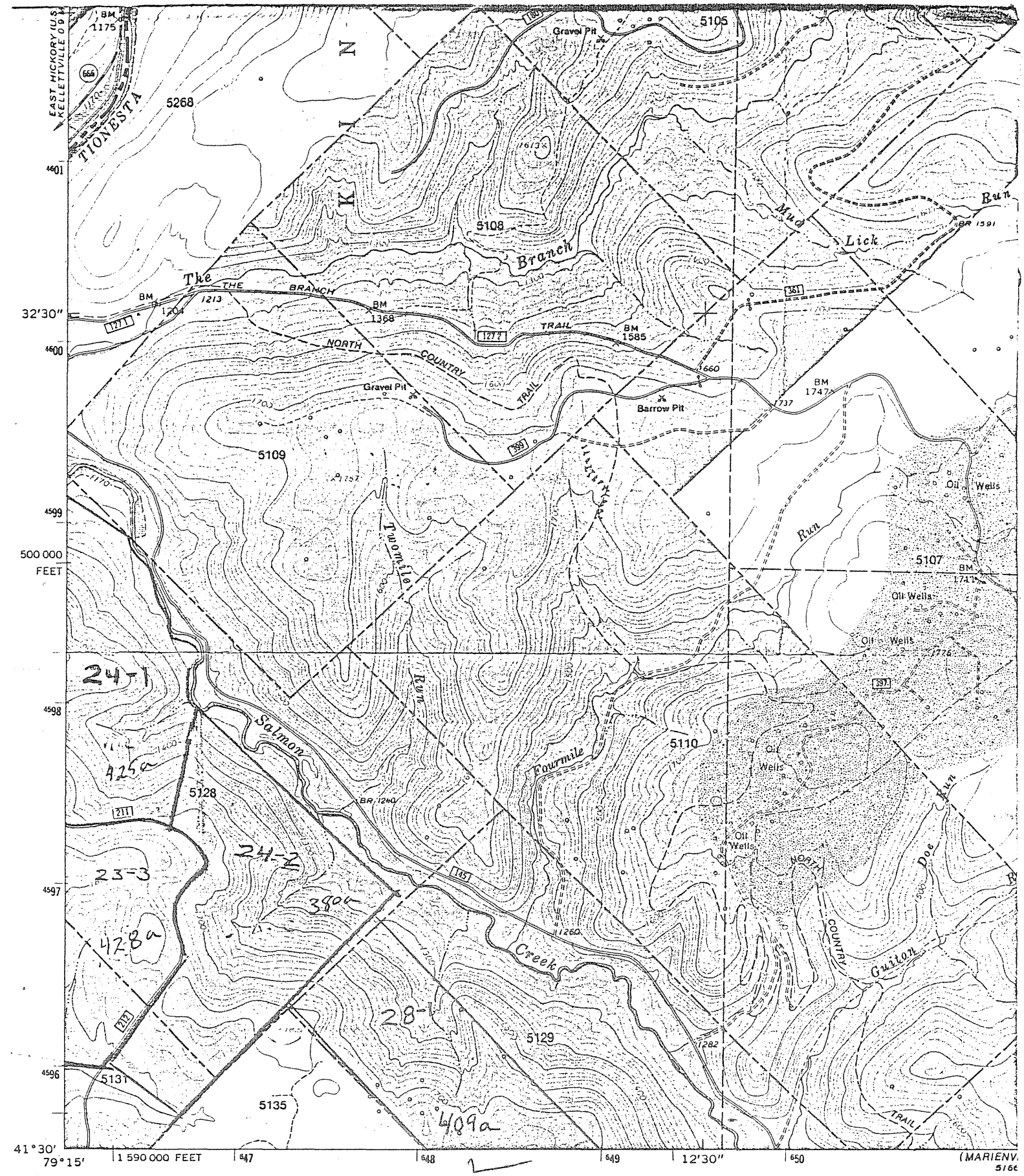
NE-20

MAYBURG QUADRANGLE
PENNSYLVANIA—FOREST CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

5167 II NE (SHEFFIELD)



SW-20



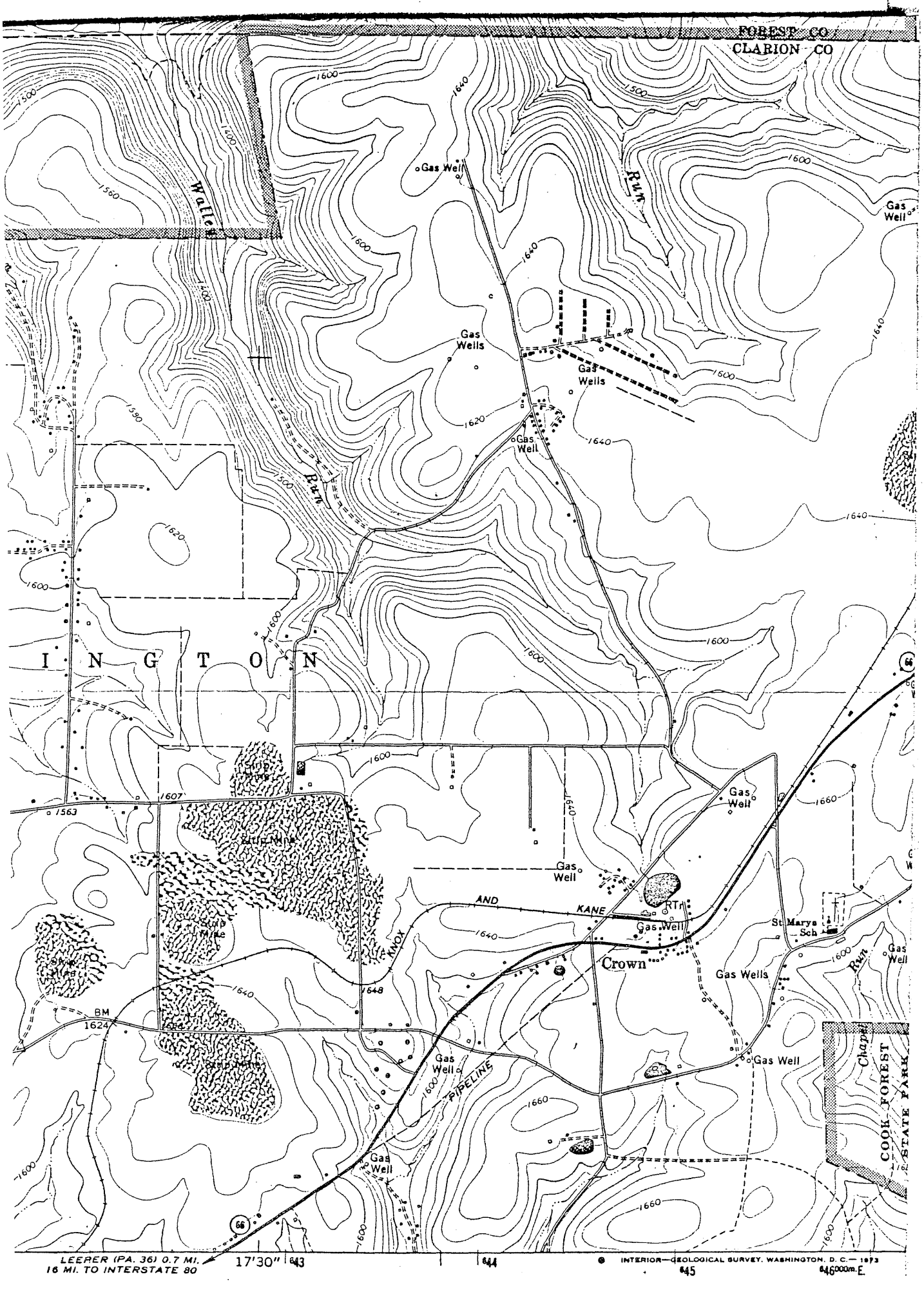
Base map prepared by the U.S. Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1966. Field checked 1966

SCALE 1

SE-26


FOREST CO
CLARION CO
Walley
Run
Gas Well
Gas Wells
Run
I N G T O N
Strip Mine
Strip Mine
Strip Mine
Strip Mine
Strip Mine
KNOX AND KANE
RTr
Crown
St Marys Sch
Gas Wells
Run
Gas Well
PIPELINE
Chapel
COOK FOREST STATE PARK
BM 1624
1563
1607
1648
1660
1620
1640
1600
1500
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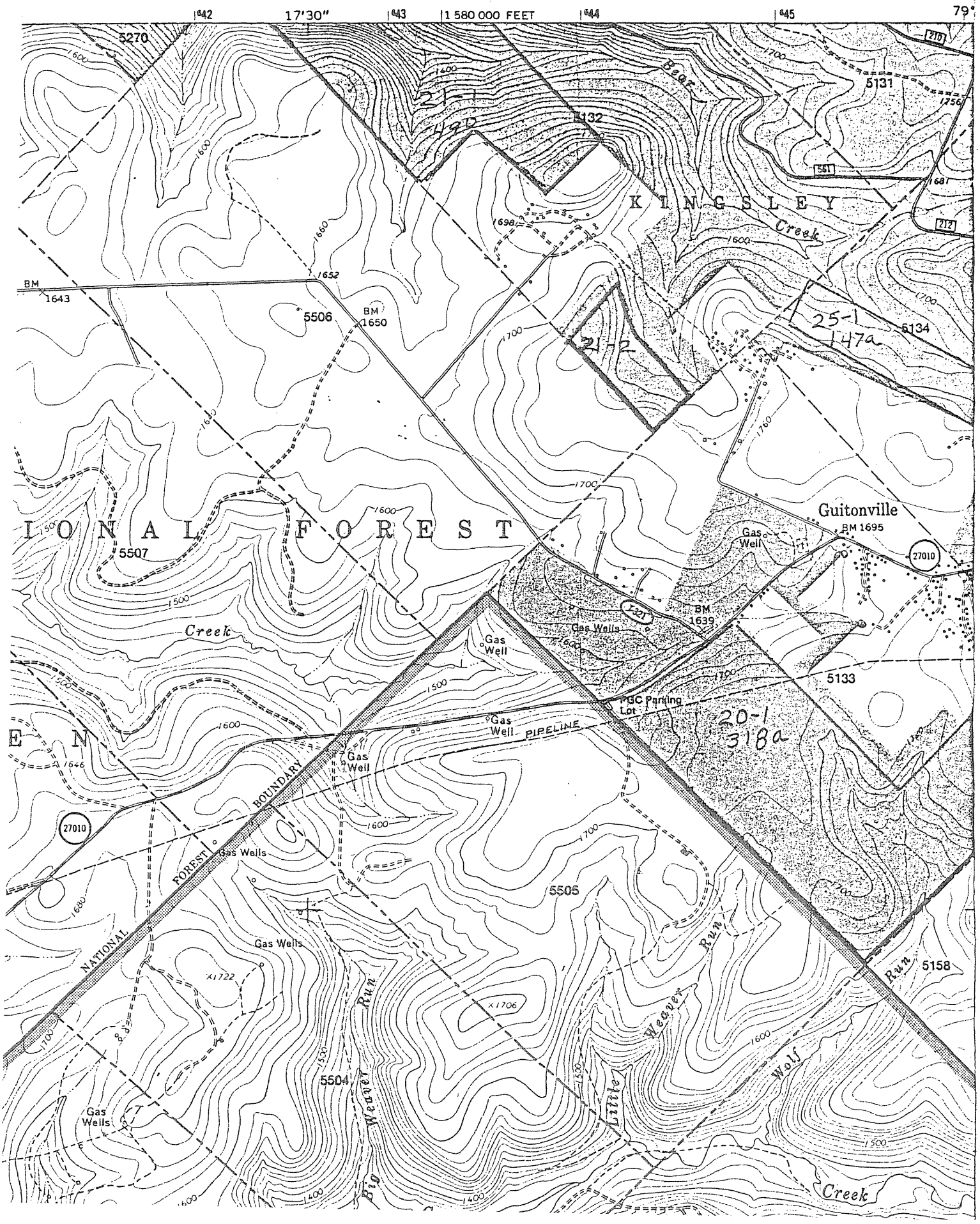
1560
1590
66
LEERER (PA. 36) 0.7 MI.
16 MI. TO INTERSTATE 80
17'30"
643
644
645
646000m.E.
INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1973

NE-24

TYLERSBURG QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 TIONESTA 15' QUADRANGLE



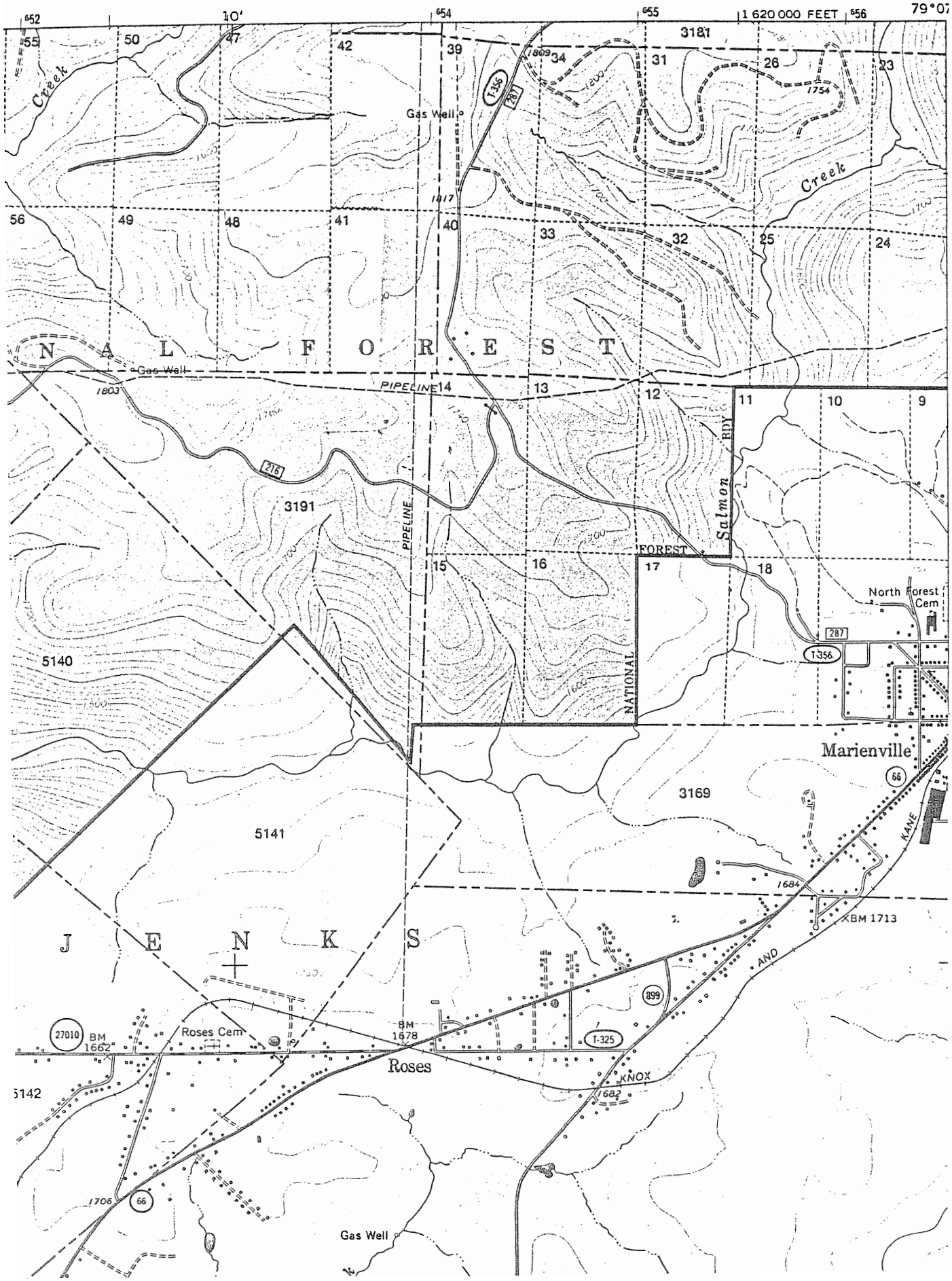
NE-27

MARIENVILLE WEST QUADRANGLE

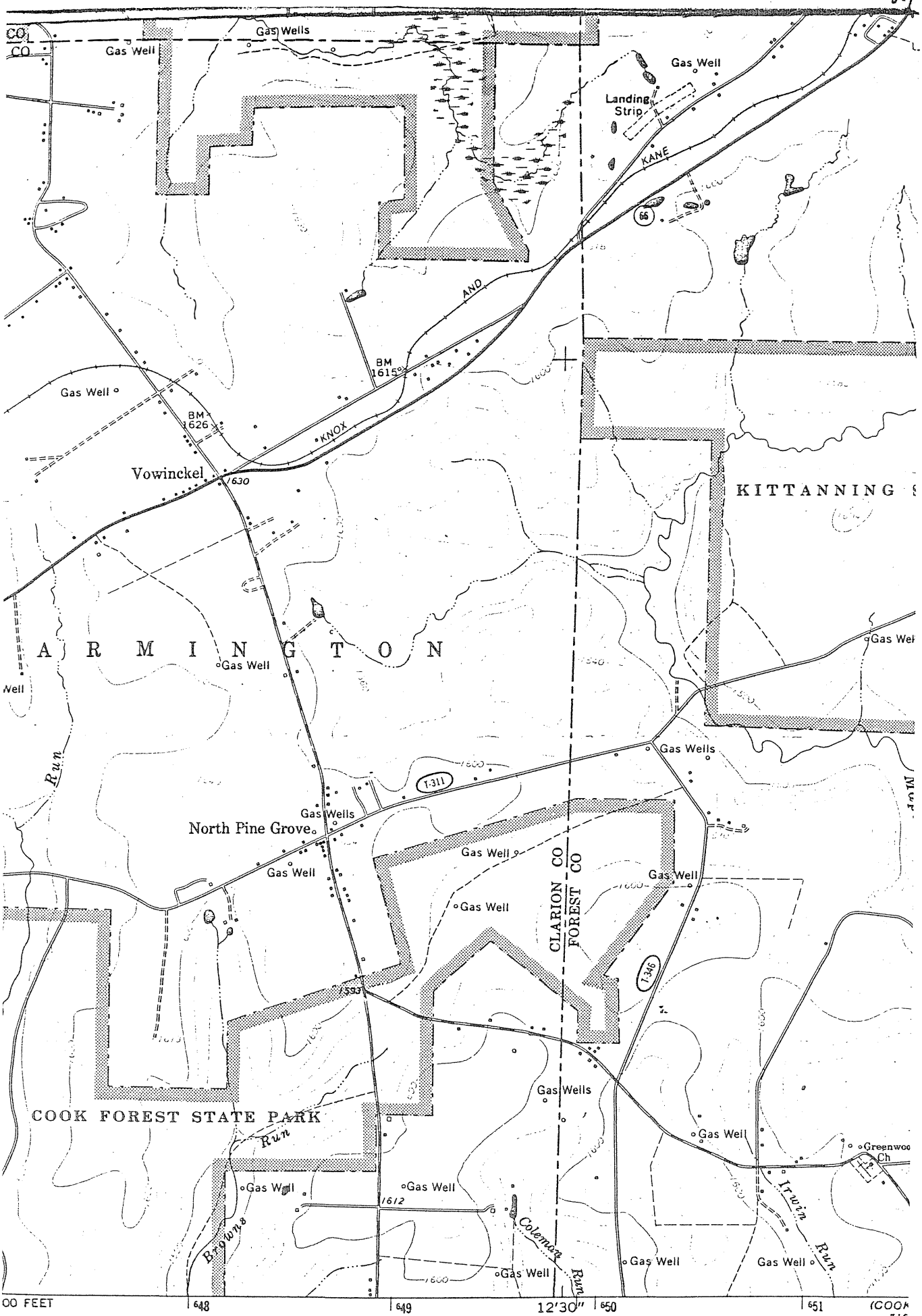
PENNSYLVANIA

7.5 MINUTE SERIES (TOPOGRAPHIC)

NW/4 MARIENVILLE 15' QUADRANGLE



SW-27

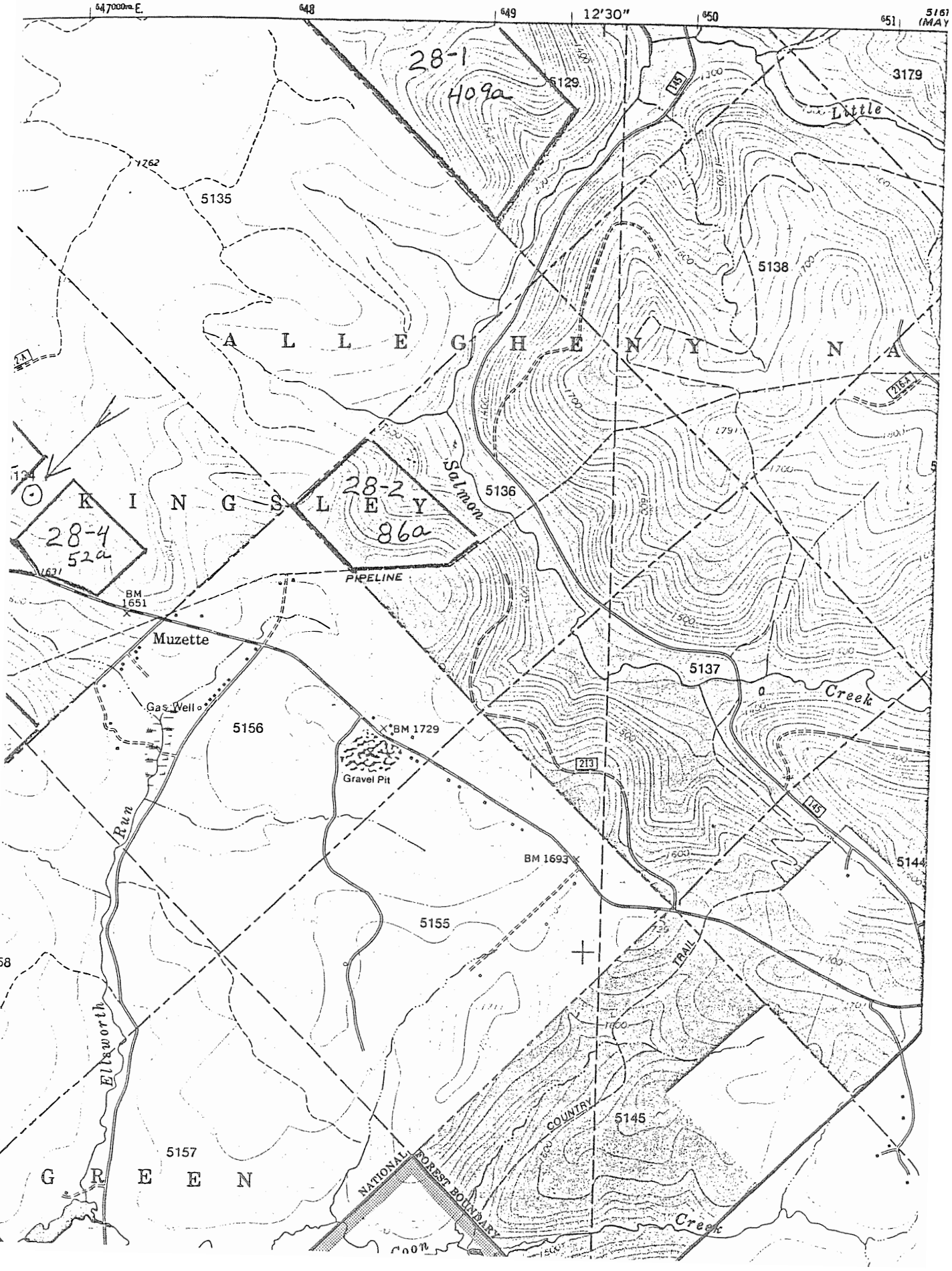


00 FEET | 648 | 649 | 12'30" | 650 | 651 | (COOK 516

by the U.S. Geological Survey

ISC&GS

SCALE

UNITED STATES
TMENT OF THE INTERIOR
EOLOGICAL SURVEY
OR USDA FORESTSERVICE USE

NW-27